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Lancaster Farming

VOL. E NO. 26 | Lancaster Farming, Saturday, May 23, 1970 | $2.00 Per Year

For the Best Returns, County Agent advises:

Cut Hay at Right Maturity Stage

Now is the time for farmers to begin to consider very carefully when to cut their hay and grass silage, Max Smith, county agent, said this week

"It's very important to recognize the correct and proper stage of maturity for harvesting This is important to get the most feed value," Smith said

Smith explained that if the crop is allowed to stand beyond the proper cutting stage, it actually loses feed value, instead of gaining, as many farmers believe, by allowing their hay to mature before cutting, they're actually losing. The hay that has lost some of its feed value doesn't produce as many pounds of meat on livestock or as much milk for the dairyman as does the crop which was cut at the right time, Smith said

"Too many farmers," Smith warned, "permit the crop to mature too much or get too ripe. This loses feed nutrients including protein and carbohydrates"

He also said that two crops which have the same weight yield per acre may vary substantially in their feed value The crop cut at the right stage of maturity will have a higher feed value which will provide better gains for livestock or greater milk production for dairy animals, while the older forage will consist of more fiber and less feed value, thereby providing smaller productive results for the farmer

Smith said Lancaster led the state in hay output in 1969 with 243,100 tons valued at $7,657,500 "Hay is very important here particularly to dairymen," he said

But to get the maximum value out of the approximately 85,000 acres of hay in the county, the farmer must cut his crop in the proper stages of maturity, condition it properly and try to get it under cover without being rained on, Smith said.

Smith gave the following guidelines to help the farmer determine when to cut to achieve maximum feed value

For grasses such as timothy, orchard grass, brome and reed canary grass maximum feed value will be obtained by harvesting at "heading time' That's when the seed head starts to emerge from the top of the plant

Alfalfa cutting time varies for older, estblished stands and first year alfalfa

For established alfalfa cut in the bud stage This is just prior to the bloom

Alfalfa being cut the first time will last longer if 10 to 20 per cent of the plants are allowed to reach the bloom stage before cutting, Smith said

Later cuttings of Alfalfa should be made every 35 days, according to the latest research

Red, alsike and ladino clover are all at their peak feed value when cut in the early blossom stage with 20 to 50 per cent blooms.

Small grains such as winter wheat or winter barley and oats may be cut for silage and their top feed value would be from blossom to early milk stage. "These grains do not make high quality hay and are therefore suggested for use as silage only" Smith advised

He continued, "All the above crops cut for either hay or silage, should be conditioned in the field immediately after mowing This includes the use of a crimper or a crusher to mash the stems to permit more rapid drying of the plant"

Asked to explain crushing, crimping and conditioning and how it's done, Smith gave the following rundown

Conditioning can include either a crusher which mashes the stem completely or a crimper which mashes the stem at intervals of about one-inch

"Either one will do the job of expediting the drying process in the field by exposing the plant juices to evaporation This makes hay drying much faster

"This (conditioning) enables the farmer to get the hay into the barn much faster and helps avoid getting it wet

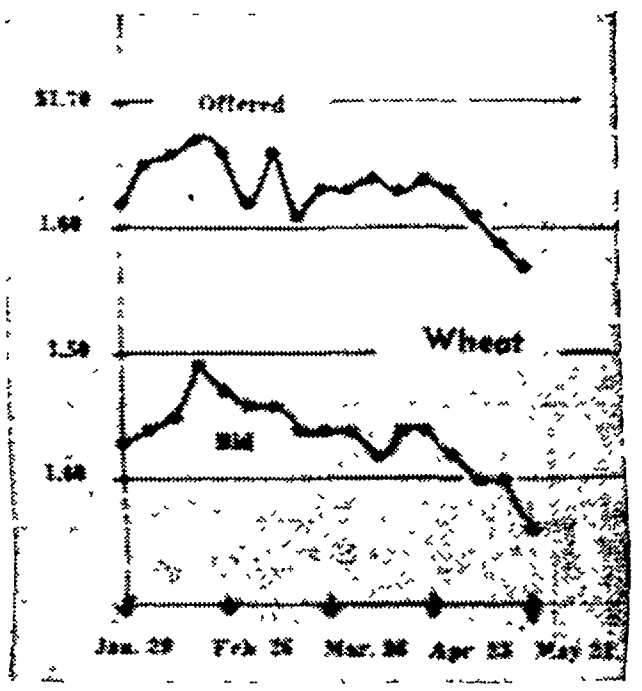
"Normally, (with conditioning) it takes two days to dry the first cutting sufficiently, but later cuttings can sometimes be put into the barn the same day"

Smith estimates about 90 per cent of county farmers condition their hay, a process which has just gained wide acceptance within the past 20 years

The conditioning is done in this area by one of two methods.

Some farmers use a haybine, which cuts, conditions (either crimping or crushing) and windrows all in one operation For heavier stands it's sometimes necessary to turn these windrows over before gathering to allow proper drying But essentially the haybine combines three operations — cutting, conditioning and windrowing — into one

The other widely used method involves a separate mowing machine to cut the crop, followed immediately by a separate trip over the field with a conditioner (either a crimper or crusher), cept that the drying process is followed by a hay rake to windrow longer for hay Smith said



We Begin Local Grain Prices in Graph Form

Lancaster Farming this week introduces a new feature to assist local farmers

It is a presentation in graph form of the local grain prices we began in January

The graph presentation, we hope, will make it easier to see not only the grain prices at a glance, but also to see what those prices were last week and the week before

The graph also will help make it possible for farmers to spot trends in the grain prices and possibly to base buying and selling activities in part on these trends

The local grain prices Lancaster Farming carries are actually the average of prices quoted to us each Thursday by six local feed and grain concerns

We carry both the bid price (the price at which the firms will buy from farmers delivered to the mill) and the offered price (the price at which the dealer will sell at his mill).

We carry the bid and offered prices on five grains ear corn, shelled corn, oats barley and wheat The prices this week are as follows

	Bid	Offered
Corn (ear)	$36 67	$41 33
Corn (shelled)	1 46	1.62
Oats	74	.81
Barley	1 01	1.16
Wheat	1 36	1 57

In the future we plan to carry in graph form both the bid and offered prices of one of these five grains each week on a rotating basis We begin this week with wheat.

The graph shows that on the average, the six mills in our survey are paying $1 36 for wheat at the mill this week and they are selling it for $1 57 While the buying price by dealers is down four cents from last week at $1 40, the selling price to farmers has dropped two cents from last week Four weeks ago, on April 23, local farmers were getting an average of $1 44 for their wheat, but the average cost at the mill also was higher, $1 64

Since we began keeping the data on wheat, the high bid (price to farmer) and offered (cost to farmer) both reached highs on our February 19 report At that time, the bid was

(Continued on Page 3)

Chicken Barbecue

The Lancaster County Senior Extension Club will sponsor a chicken barbecue from 11 a m to 6 p m Saturday, June 6 at Stauffer's Market, Rohrerstown

The charge is $1 25 and proceeds go to Heart Haven

Anyone with questions should contact Jane Wenger at 464-2872 after 4 p m.

County Agricultural Leaders To Discuss Environment Issue

The Lancaster County ASC Committee has scheduled a meeting of agricultural agencies and groups in the County for 9 30 a m. Tuesday, May 26, in the Farm and Home Center

Purpose of the meeting is to get suggestions and recommendations for improvement of ASCS programs to help the American farmer do an even more effective job of improving the environment while conserving and building the nation's soil and water resources

The objectives are to assure emphasis on clean air and water, more open space and more and better wildlife habitat, assure effective conservation accomplishments and provide emphasis on conservation and environmental improvement activities having public benefits

The meeting will be conducted by Richard A Pennay, district director, Pennsylvania State ASC Committee

Recommendations of the county group will be forwarded to the State ASC Committee and through them to USDA in Washington for use in development of ASCS programs for 1971

We Salute Dairying!

Lancaster County dairy farmers sold $37,039,000 of milk in 1969, maintaining dairying as the most important farm income producer for the state's most productive agricultural county

Lancaster Farming will recognize the county's dynamic dairy industry in its June 6 Special Dairy Issue

Lancaster Farming extends a special invitation to dairy groups and organizations to submit articles and news on dairying for the Dairy Issue

Advertisers are invited to make their own appeal to a large segment of the Southeastern Pennsylvania dairy market

To be sure to make the Dairy Issue, please submit all material by Wednesday, June 3

Call us at 394 3047 or 626 2191 Or write to Lancaster Farming, Box 266 Lititz, Pa 17543.

Farm Calendar

Monday, May 25

3 00 p m — Lancaster County FFA Leadership Conference Garden Spot High School

8 00 p m —DHIA board, Farm and Home Center

8 00 p m —County FFA Chapter meeting, Solanco High School

Tuesday, May 26

3.00 a m - 5 30 p m — Conference on Air Pollution Con-

(Continued on Page 6)

MARKET NEWS REPORT

At Lancaster Yards

Weekly Review

May 21, 1970

CATTLE 2400 — Compared to last weeks close, Slaughter Steers 25-50 lower. Cows steady to 50 lower, most decline on cutter. Bulls mostly steady Supply included an estimated 65 per cent Slaughter Steers, 20 per cent Cows and Bulls, with the balance mainly Feeder Steers

SLAUGHTER STEERS — High-Choice and Prime 1050-1325 lbs 30 75-31 85, Choice 950-1200 lbs 29 75-31 50, 1200-1350 lbs 29 25-31 00, high Good and low-Choice 28 50-30 00 Good 27 75-29 50 Standard and low-Good 26 75-27 75

SLAUGHTER HEIFERS — Choice 750-975 lbs 28 25-29 35, Good 25 50-27 00 Standard 23 00-25 50

COWS—Utility and high-dressing Cutter 23 85-25 50, Cutter 22 75-24 50, Canner and low Cutter 21 50-22 75

BULLS — Choice 28 75-30 60 Good 27 00-29 00 Utility and Commercial 27 25-30 50 few 30 50-31 85

CALVES 400 — Vealers 2 00-4 00 lower, full decline on Choice

VEALERS—Choice 51 00-53 00 few head mainly on Monday 54-00-55 50, Good 47 00-52 00, Standard 44 00-48 00, Utility 35 00-44 00

(Continued on Page 3)

Auction Only

May 20, 1970

CATTLE 1241 — Compared to Monday, Slaughter Steers 25-50 lower, most decline on early sales, Cows about steady, Bulls mostly steady

SLAUGHTER STEERS — High-Choice and Prime 1050-1325 lbs 30 75-31 85, Choice 950-1200 lbs 29 75-31 25, 1200-1350 lbs 29 25-30 50, high Good and low-Choice 28 50-30 00, Good 27 75-29 50, Standard and low-Good 26 75-27 75

SLAUGHTER HEIFERS — Choice 750-975 lbs 28 25-29 35, Good 25 50-27 00, Standard 23 00-25 50

COWS—Utility and high-dressing Cutter 23 85-25 50 Cutter 22-75-24 50 Canner and low Cutter 21 50-22 75

BULLS — Choice 28 75-30 60 Good 27 50-28 75, Utility and Commercial 27 25-30 50, few 30-50-31 85

FEEDER STEERS — Load Choice and Prime 940-1040 lbs with Choice slaughter finish 30-00

CALVES 103 — Vealers steady to 1 00 lower, instances 2 00 lower on Choice

VEALERS—Choice 51 00-52 50, couple 55 00-55 50; Good 47 50-52 00, Standard 44 00-48 00, Utility 35 00-44 00

HOGS 275—Barrows and Gilts fully steady

BARROWS AND GILTS—US 1 205-215 lbs 27 00, US 1-3 190-245 lbs 25 50-26 10, US 2-3 240-255 lbs 24 35-25 35, US 3-4 260-280 lbs 22 85-24 10, One lot US 3-4 295 lbs 21 10

SHEEP 54 — Slaughter Lambs steady

SPRING LAMBS — Choice 40-80 lbs 32 50-33 50 Good 65-85 lbs 30 00-31 00

WOOLED LAMBS — Choice 90-108 lbs 28 50-29 00

Vintage Auction

May 19, 1970

CATTLE 882 — Compared to last Tuesday, Slaughter Steers mostly 50 lower, instances 75 lower; Cows mostly steady, Bulls weak to mostly 50 lower Supply included 20 percent Cows and 11 percent Bulls

SLAUGHTER STEERS — High Choice and Prime 1000-1325 lbs 31 00-32 25, five head 32 35-33 10; Choice 950-1250 lbs 29 75-31 50, 1250-1425 lbs 29 00-31 00, high-Good and low-Choice 28 50-30 25; Good 27 50-29 00, Standard and low-Good 26 25-28 25

COWS — Utility and high-dressing Cutter 23 75-25 50, few 25 60-26 10, Cutter 22 60-24 50, Canner and low-Cutter 21 00-22-50

BULLS — Choice 29 00-30 50, Good 27 00-29 00, Utility and Commercial 27 00-30 50, few 30-50-31 75

CALVES 381 — Vealers steady to 2 00 higher A large share of the 80-120 lb Calves returned to farm

VEALERS — Choice 55 00-57 00, few 58 00-59 00, Good 50-00-55 00, Standard 46 00-51 00, Utility 41 00-46 00,- Cull 90-120 lbs 33 00-38 00, 65-85 lbs 26 50-33 00

CALVES RETURNED TO FARM Bulk of the 90-120 lb 40 00-49 00, several 50 00-59 00

HOGS 452 — Barrows and Gilts mostly steady

BARROWS AND GILTS — US 1 215-230 lbs 26 85-27 00 US

(Continued on Page 3)

New Holland Auction

May 21, 1970

CATTLE 875 — Compared to last Thursday, Slaughter Steers fully steady, instances 50 higher on weights over 1200 lbs, Cows steady to strong; Bulls about steady Supply included 25 per cent Cows

SLAUGHTER STEERS — High-Choice and Prime 1000-1375 lbs 31 00-32 00, Choice 950-1400 lbs 29 85-31 75, high Good and low Choice 28 75-30 25, Good 27-25-29 25, Standard and low-Good 26 75-28 00

SLAUGHTER HEIFERS—Few head Choice 27 75-28 85

COWS—Utility and high-dressing Cutter 23 60-25 50, few 25 50-26 00, Cutter 22 75-24 50, Canner and low-Cutter 21 35-22 50

BULLS — Choice 28 75-30 35 few 31 85-32 25, Good 27 50-29 00, Utility and Commercial 27 60-30 50, few 30 85-32 00

CALVES 307 — Vealers steady to mostly 2 00 lower

VEALERS—Choice 50 50-53 50 few 54 00-56 00 around 20 head 270-320 lbs 46 00-51 50; Good 47 00-50 50, Standard 44 50-47 00, Utility 35 00-43 00, few Culi 85-120 lbs 30 00-35 00

SHEEP 12 — Insufficient volume for a market test, few Good 50-70 lb Spring Lambs 28 00-32 00

COWS
May 20, 1970

Receipts of 64 cows and 6 heifers sold stronger Fresh Holstein 435-600; Other breeds 285-375; Heifers 250-340.

HORSES
May 18, 1970

Receipts of 377 horses sold steady. Work Horses (single) 135-325, (pairs) 440-550, Mules (single) 115-185, Pony Mares 15-25, Geldings 10-20, Riding Horses 115-340, Driving Horses 120-330; Killers 9-10

HOGS
May 18, 1970

Hog receipts totaled 1050. Retail 26 25-27, Heavyweights 23.75-25 50, Wholesale 25.50-26.25; Sows 16-18, Boars 17 50-19 50.

CALVES
May 18, 1970

Calf receipts totaled 71 Choice and Prime 50 55, Good and Low Choice 43-49 50, Standard 39.50-42 50, Common 27-39.

HAY
May 18, 1970

Sixteen loads of hay sold as follows. Alfalfa 35-45 50, Mixed 30-41, Straw 47.

Chicago Cattle

Weekly Review

CATTLE — Compared with last weeks close Slaughter Steers and Heifers steady to 25 higher except Standard and Low Good Steers steady to 50 lower Cows 50-1 00 lower and Bulls steady. Receipts 75 per cent Slaughter Steers 20 per cent Heifers with the balance mostly Cows. Overall finish of Steers not as attractive as last week with 14 per cent Prime and 75 per cent Choice as compared with 18 per cent Prime 75 per cent Choice last week and 17 per cent Prime and 66 per cent Choice a year ago Average cost and weight of Steers estimated at 30 25 and 1190 lbs as compared with 30.76 and 1207 lbs last week and 34 67 and 1153 lbs a year ago Heifer supply largely High Good to Prime weighing 850-1050 lbs.

SLAUGHTER STEERS — Prime 1200-1400 lbs Yield Grade 3 and 4 31 50-32 00 Two loads at 32 00 High Choice and Prime 1125-1450 lbs 30 50-31 25 Choice 950-1400 lbs Yield Grade 2 to 4 30 00-31 00 Mixed Good and Choice 29 25-30 25 Good 27 50-29 25 Standard and Low Good 26 50-27 50

SLAUGHTER HEIFERS — High Choice and Prime 900-1075 lbs Yield Grade 3 and 4 30 25-30 75 Choice 850-1050 lbs Yield Grade 2 to 4 29 50-30 25 Mixed Good and Choice 28 50-29.50, Good 27 00-28 50

FUTURES TRADING

(Closing bids as of Thursday, May 21, 1970)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
June	30.80	26.97		34.10
July		26.70		35.30
August	30.80	24.97		
September				36.45
October	30.05	22.47		34.85
November			2.41	36.00
December	29.62	22.00		35.75
February '71	29.72	21.05		
March			2.69	
April	29.72		2.94	
May			3 47	
June	29.70			

a-asked b-bid n-nominal

Trend — Cattle are stronger hogs are steady potatoes are steady and eggs are stronger

Markets provided by Commodity Dept, Reynolds & Company

New York Eggs

Prices basically unchanged although dealers are free sellers and discounting more prevalent Receipts moderately heavy from both South and nearby areas Trading stocks short on jumbos, adequate on extra large in small lots but short for quantity needs Large whites and browns ample and occasionally short held large whites offered at 30c without attracting interest Mediums irregularly distributed but generally excessive of needs, while smalls and peewees were clearing mainly to breakers at present Buying activity locally slow with best interest centered on extra large Carton orders are fair however retail promotional activity in this mornings news media was limited

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FAT HOGS AND FEEDER PIG SALE
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HORSE SALE — MONDAY at 10:00 A.M.

DAIRY SALE — WEDNESDAY at 12:30 P.M.

FAT STEERS, BULLS, COWS & VEAL — THURSDAY at 12:30 P.M.

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New Holland, Penna.
Abram W. Diffenbach, Manager Phone (717) 354-2194

Weekly Poultry Report

Eastern Pennsylvania And New Jersey

Prices of light type hens continued to decline Demand light as offerings continue ample for needs with most plants booked to capacity a week or more ahead. Demand for dressed product often dull however Government Announcement of a buying program of Canned Chickens for the needy anticipated to stimulate a late movement Offerings of heavy hens ample for moderate needs Limited trading noted at 14c. Prices paid at farm Light Type Hens 5½-7½c mostly 7-7½c. Heavy Type Hens Tfewr.

Fogelsville

(Prices paid dock weights, cents per pound, except where noted)
HENS, Heavy Type 9-30 mostly 20 26, PULLETS 17½-31 mostly 22-31, ROASTERS 15 35 mostly 25-30, DUCKS 27½-33½, RABBITS 45-70, GUINEAS 1 18-1 21;

PIGEONS (Per Pair) 1.00 3 25.

Delmarva

Ready-to-cook movement fair however in instances inventories building up faster than desired while clearances satisfactory in others Slaughter curtailed slightly today in line with current needs Advance interest fairly good however early trading too limited to quote prices Less-than trucklot prices occasionally trending lower within unchanged ranges Live supplies adequate though weights often lighter than desired Undertone unsettled though generally steady

Pool trucklot prices for Thursday arrival at terminal markets U S Grade A 29½-32 M 30 30½c Plant Grade 28½ 29½ M 29c Special packs including 1¾-2 3½ # sizes Tfewr

Local Grain Prices

(Continued from Page 1)

$1 49 and and the offered price was $1 67

The graph also shows that since we began collecting the data, both the bid and offered prices are now at record lows This, of course, is favorable news for farmers who buy wheat and unfavorable news for those who sell it.

Periodically, we will attempt to analyze and explain some of the trends which develop in particular grains

We believe that this new feature and service of Lancaster Farming will become increasingly important to our readers — as they become more familiar with it and as we develop the know-how which only time and experience can provide.

Weekly New York Egg Mkt.

From Monday, May 18th to Friday, May 22nd

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy Ex Large	36	36	36	36½	37
Fcy Large	32	32	32	32½	33
Fcy Mediums	26	26	26	26	26
Fcy. Pullets	19	19	19	19	18
Fcy Peewees	14	14	14	14	13
BROWN					
Fcy Large	39	39	39	38	37
Fcy. Mediums	27	27	27	26	26
Fcy. Pullets	19	19	19	19	18
Fcy Peewees	14	14	14	14	13
Standards	29½	29½	29½	30	30
Checks	20	20	20	20	20

Tone — Jumbo, Ex Large firm Large steadier, mediums usual clearing, Pullets easier

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● Vintage

(Continued from Page 2)

1-2 200 225 lbs 26 10 26 50 US 2 3 195-240 lbs 25 35 26 00 240-250 lbs 24 00 24 75 US 3 4 250-270 lbs 22 00-23 00

SHEEP 87 — Spring Lambs mostly steady

SPRING LAMBS — Choice 45 80 lbs 33 00 37 00, Good 40-80 lbs 30 00 33 00.

● Lancaster

(Continued from Page 2)

HOGS 1500 — Barrows and Gilts 25 50 higher, Sows scarce

CLOSING SALES, BARROWS AND GILTS — US 1 205 215 lbs 27 00, US 1-3 190 245 lbs 25 50 26 10

SHEEP 250 — Slaughter Lambs steady to 1 00 lower Ewes mostly steady

SPRING LAMBS—Choice 60-90 lbs 32 00-33 00 few 40 60 lbs 33 50-35 00, Good 30 00-31 00

WOOLED LAMBS—Choice 90-108 lbs 28 50 29 00

SLAUGHTER EWES—Utility and Good 4 00 10 00

Federally Inspected Livestock Slaughter

(For week starting May 18, 1970)

	Cattle	Hogs	Sheep
Week to date	454,000	1,069,000	144,000
Same period last week	463,000	1 172,000	151,000
Same period last year	441,000	1,114,000	152,000

Estimated daily livestock slaughter under Federal Inspection.

Local Horses Compete In Devon Outdoor Show

General Sutter and The General's Attraction, owned by Stuart Raub, Ird Daffin's Coat of Arms, Kathy Buch's Sailor, Mr and Mrs Nevin Loose's Royalty Leader, and an unamed one-year-old filly are slated to represent Lititz in the Eight-Day Devon (Pa) Horse Show May 22, 23, 25 30

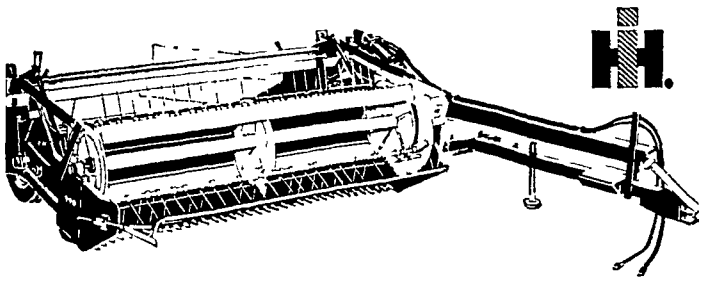
America's Largest Outdoor Horse Show has 1,200 horses from 24 states, New York to California and Maine to Florida, and Canada

Daniel Lenehan and his daughter, Sheila of Sewickley, Pa and Christopher Wadsworth of Holicong, Pa are judging the hunters, Lt Col Harry Llewellyn of Llvanvair, England, the captain of the British Olympic Team, and Col Donald Thackeray, U S Army team rider of years ago, are scoring the jumpers, Morris Dixon of Cochranville, Pa the hunter breeding, Donald Harris of Owensboro, Ky, the saddle horses and the fine harness horses and Bernard N Mills of London, the Four-In-Hands and the Carriage Marathon

ALL DAY SALE
FRIDAY, MAY 29, 1970
at 10:30 A.M. Sharp
Located on North Maple Ave., Leola, Pa., ½ mile off Rt. 23. Watch for sale sign.
FARM MACHINERY; LUMBER; HARDWARE, etc., etc. Portable grinder and mixer, 2 steel feed bins - 6T and 10T.
Will Sell on Commission.
By DAVID H. GOOD
Frank and Paul Snyder, Aucts. 859-2688 - 733-7052
Not responsible for accidents

FEEDER PIG SALE
TUESDAY, MAY 26, 1970
Watch for sale sign at the Reifsnyder Rd along the Brubaker Valley Rd. leading from Clay to Rt. 501.
200 HEAD
Sale at 1:00 P.M. By MELVIN M. MARTIN
Frank & Paul Snyder, Auct.

NEW INTERNATIONAL®
990 MOWER CONDITIONER



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Maintain Hay Quality

For the best returns from your hay crop, cut it at the right stage of maturity, advises Max Smith, county agricultural agent.

What does it matter if the farmer is busy and can't get around to cutting his hay for a couple of weeks after Smith advises it should be cut (see story explanation on page 1)? Doesn't the crop keep on growing? What does it matter?

The answer is that careful study and research by many sources has shown that if the crop is allowed to stand in the field after it should have been cut it begins to lose its feed value In the older crop, nutrients that produce weight gains on livestock or milk in cows simply are replaced by fibers that fill an animal but don't do the animal or the farmer any good

According to "Silage and Silos" special circular 80 distributed by Penn State University, the legume crop that has 70 per cent total digestible nutrients (TDN) with 19 per cent protein when harvested in the "vegetative" stage on May 15 will drop to 53 per cent TDN and 15 per cent protein in the bud stage on May 30; it will continue to drop to the 56 per cent TDN level and 10 per cent protein level on June 15 in the bloom stage and to 49 per cent TDN and 7 per cent protein level on June 30 in the "mature" stage.

While this schedule shows that the farmer might delay his harvesting a few days with only minor feed value loss, it also clearly shows that he dare not delay more without risk of substantial feed value loss The difference between the feed value in the plants on May 15 and June 30 is nearly one third loss of TDN and almost two thirds loss of protein

It is also clear that even minor losses of feed value when figured over many acres of ground, several crops per year and over a period of years can total up to huge amounts.

Another fact should also be kept in mind A second crop can't be started until after the first one is cut.

It would appear that the farmer who attempts to cut his crop on time and work in an extra cutting or two is going to be the farmer who ends up with the most hay and also the best hay.

Many Lancaster County farmers don't need to be reminded of these points With only 85,800 acres in hay in 1969, the county produced 243,100 tons of hay to lead the state in hay production Bradford County, which had far more hay acreage, produced only 200,500 tons of hay on 110,400 acres of land.

So many local farmers don't need to be told how to produce hay; still it's important to keep quality in mind, as well as quantity It's the high quality of hay which will keep the area ahead in other phases of farming, too.

NOW IS THE TIME...

By Max Smith
Lancaster County Agent

To Mow Weeds

Every property owner has the responsibility of controlling the weeds, this includes contractors, real estate men, and apartment owners who are often very slow in keeping the weeds under control Many townships and boroughs have weed ordinances requiring weed control We urge officials to enforce the regulations and all property owners to mow or spray weeds several times during the growing season Farmers should clip pastures to control weeds and encourage new growth of the forage crops

To Cut At Proper Stage

Many grass-legume forage crops will be cut for hay or silage in the next few weeks One of the most important factors in getting top quality feed is to cut the crop at the peak of feeding value based upon stage of maturity Some producers allow the crop to get too ripe before cutting All grasses should be cut at heading time, this includes timothy, orchard, brome, and reed canary grasses. Alfalfa should be cut in the bud stage for the first cutting and then about every 35 days during the remainder of the season. First-year alfalfa should be permitted into the 10-20 per cent bloom stage before cutting the first crop Red clover is best in the bud to early blossom stage. Barley or wheat for silage is best when cut in the blossom to early milk stage

To Be Careful with Sprays

The weed spraying season is at hand and many herbicides will be used to prevent weed growth. All growers and property owners are urged to thoroughly study

(Continued on Page 10)

It's Dairy Princess Time

Contestants for the 1970 Lancaster County Dairy Princess Pageant are now being sought.

Young ladies in the county who have completed their junior year in high school and are under 21 years of age should seriously consider entering the competition by contacting Mrs. Robert Gregory, Box 248, Lititz RD1 17543.

Unfortunately, the contest was cancelled last year due to lack of contestants This should not be allowed to happen again this year.

Dairying is by far Lancaster County's largest farm income producer and brought more than $37 million to dairymen in 1969 That was about 30 per cent of the total of $123,650,000 of county farm income in 1969

The Dairy Princess Contest is one way for the local farm community to advertise its most important farm product In today's highly competitive world it is vitally important that farmers keep the general public alert to their existence and their needs

Any appeal to young women to enter the contest, however, should not be based on milk industry needs It should be based on the young woman herself and what the contest can do for her.

Not only does the contest offer the opportunity for many material rewards, more importantly it offers young women experience which money can't buy — an opportunity to meet people and to develop their own personalities and character. In this regard alone, we think every contestant will be a winner.

The ability to appear in public with confidence is to be highly prized And the young woman who assures herself she couldn't possibly face it is the one who most needs to enter the contest She might surprise herself and win And if she doesn't win, what has she lost?

To repeat, all those who enter will be winners, particularly if they accept the competition as a personal challenge to learn and improve themselves

Locusts--Fascinating Creatures

Brood X (10) of the 17-year locust is scheduled to be out in force this year

Local officials assure us it's nothing to get excited about in terms of damage to crops or animals or humans — except some possible damage to orchards near forests or some slight damage to the trees themselves when the locusts lay eggs But overall, any damage is expected to be extremely limited.

The locusts don't seem to eat much if anything in the four to six weeks they're out of the ground in the adult form They don't bite or sting, officials assure us. Overall, they appear to be quite harmless

But fascinating, nevertheless, because their music is quite interesting and soothing and their appearance is so rare Here's an insect which spends 17 years traveling through babyhood in order to spend a few weeks as a harmless adult — singing and reproducing

The locusts may come and go with many or most farmers in this area barely knowing it we're assured That's because they generally are prevalent in wooded areas, particularly in oak forests

But those of us who have the opportunity will want to satisfy our curiosity by taking a close look at this strange and unusual insect We can expect him to begin appearing at any time now, and his music should fill the air in June wherever he decides to appear.

We suggest the locust is a creature that will delight the heart of any farm boy — or girl, too.

LANCASTER FARMING
Lancaster County's Own Farm Weekly

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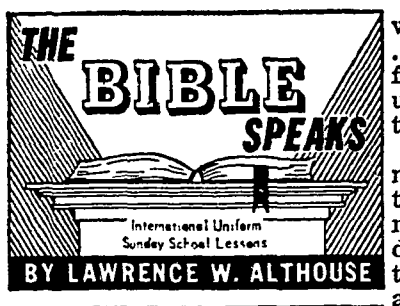

VESTED INTERESTS

Lesson for May 24, 1970

Background Scripture: Acts 17.16-33; 19-23-41; 1 Peter 3 13-17.
Devotional Reading: 1 Thessalonians 1:2-10.

The Chamber of Commerce of Ephesus swung into action to combat the growing subversive movement known as "Christianity." In an attempt to alert the people of Ephesus, a flyer was distributed to the general public. This is what it said:

Rev. Althouse

Citizens of Greater Ephesus!

Wake up! Wake up! A little band of subversive atheists is plotting to bring the downfall of our glorious religion of Artemis. This group, called "Christian," and led by a man of Tarsus named Paul (alias Saul), has already caused much falling away from the faith throughout the province of Asia. He has slandered our goddess Artemis and our idols, saying, "Gods made with hands are not gods." He attacks not only our religion but our city of Ephesus, the home of the temple of Artemis, one of the seven wonders of the world, and center for the manufacture of Artmeis statues. What will happen to the worship of Artemis throughout the world if it is learned that the people of her own city are forsaking her? Who will want to come and see our glorious temple if this subversive group is allowed to grow? Let us crush this movement now! It is the religious and patriotic duty of every citizen of Ephesus to join in this great struggle to defend all that we hold dear!

In the public interest,
Your Chamber of Commerce

Bad for business?

A second communication was sent to all the businessmen of Ephesus. Added to what had already been said to the general public was news of the alarming drop in sales of silver statues, and a warning that this was a threat, not only to the silversmiths, but to all: "The banks, the hotels, the markets, the winerys, the sacred prostitutes . . . all will suffer! Merchants, face up to this threat and join us in stamping out this menace to our livelihood!"

Well, of course, no such communications were ever distributed because Chambers of Commerce did not exist in those days. Yet we can be sure that the merchants of Ephesus reacted in a way not unlike that described above. There was no doubt about it: Christianity was bad for business when that business was based upon the pagan practices of the people.

The clash may not have been inevitable. The merchants of Ephesus were quite unconcerned with the theology of the Christian faith until Paul pronounced that Jesus Christ makes all idols worthless. If Paul had avoided this issue of little silver idols, he probably could have continued his work undisturbed.

Profitable exploitation

Yet, though Paul did not seek conflict with local interests, neither did he shrink from proclaiming and teaching the truth regardless of whom it offended. The gospel of Jesus Christ could not help but come into conflict with certain vested interests. It refuses to condone human exploitation regardless of how profitable.

This is no less true today. Christianity is still constantly in conflict with the vested interests of many communities and groups. It does not seek to offend, but it cannot help but offend unless Christians suppress its radical teachings. The values of the gospel are often radically different from those of society. Not only are they different, but they judge the values of society as being false.

For example, what would be the reaction if the churches of Las Vegas were to mount a campaign to tell the truth about gambling? Can you imagine how the gambling interests of the town might react? The same could be said of many other cities and towns. There are vested interests wherever people are.

What about the vested interests where you live? Is Christianity "bad for business" with them?

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U. S. A. Released by Community Press Service)

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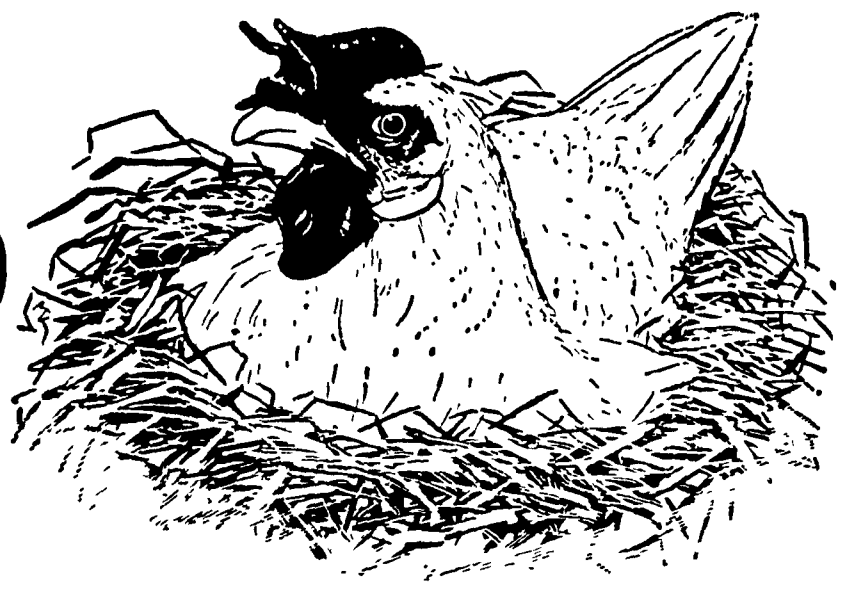

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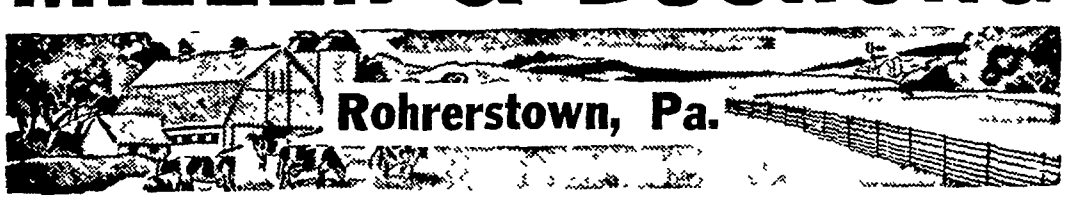

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Across the Editor's Desk

The American Farm Bureau Federation's official News Letter carried the following report recently

Pickling cucumber grower members of the Maryland Agricultural Cooperative Marketing Association wound up with an improved contract after a negotiating session with a company which processes pickles in the Hurlock area

The marketing association, an affiliate of the Maryland Farm Bureau reported that price for No 1 graded cucumbers was increased 10 cents over the 1969 price of $3 70 per hundredweight

Contract provisions were also changed for the No 2 classification Under the terms of the contract the diameter for this grade was raised from two inches to two and one eighth inches and 'crooked' fruit, unless determined as "extreme," would be included in the No 1 grade selling for the higher price

The negotiations with the processing company followed rejection of the original contract at a meeting of growers on April 20

New Holland 4-H Club

by Diane Herr
News Reporter

The New Holland Community 4-H Club held its monthly meeting at the home of Diane Herr Monday evening, May 18

The meeting was opened by vice president, Mary Lou Fisher The club members repeated the club pledge and discussed the possibility of having a recreation night A food and game committee was appointed

For the program, four members gave a skit on the proper use of parliamentary procedure The meeting was then adjourned

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Farm Calendar

(Continued from Page 1)

trol, Holiday Inn Allentown

9 30 a m — Lancaster County ASC Committee and agricultural representatives, Farm and Home Center

6 15 p m — 'Sew Smart Channel 33

8 00 p m — Lancaster County Agricultural and Home Economics Extension Association, Farm and Home Center

Wednesday, May 27

7 30 p m —Farm Women Societies 24 and 17, Conestoga Church of the Brethren, Bareville

Thursday, May 28

6 15 p m —"Sew Smart," Channel 33

7 30 p m —Countywide 4-H Holstein Club, Farm and Home Center.

7 30 p m —Farm Women Society 26, home of Mrs James Buckwalter Lititz RD3

Pesticide Label May Be Outdated, Farmers Told

Rapid changes in regulations governing the legal use of pesticides demand that farmers have the latest pesticide information says John S McDaniel, University of Delaware agricultural chemicals specialist

Labels on leftover pesticides do not necessarily contain current recommendations for the product he warns

Many changes in pesticide regulations have occurred since last season Responsibility for proper and acceptable use of agricultural chemicals rests with the individual farmer

Improper use of chemicals may result in unlawful residues For example, if forage containing harmful residues is fed to livestock, residue could later show up in milk, meat or butter fat

To avoid unlawful residue, be sure you have the latest information necessary for proper pesticide use Make sure you understand the limitations placed on various chemicals and the restrictions on the use of treated crops and crop residue

Use of pesticides is a touchy business, says McDaniel Only if you are thoroughly familiar with the chemicals you use can you be sure of a safe harvest next fall

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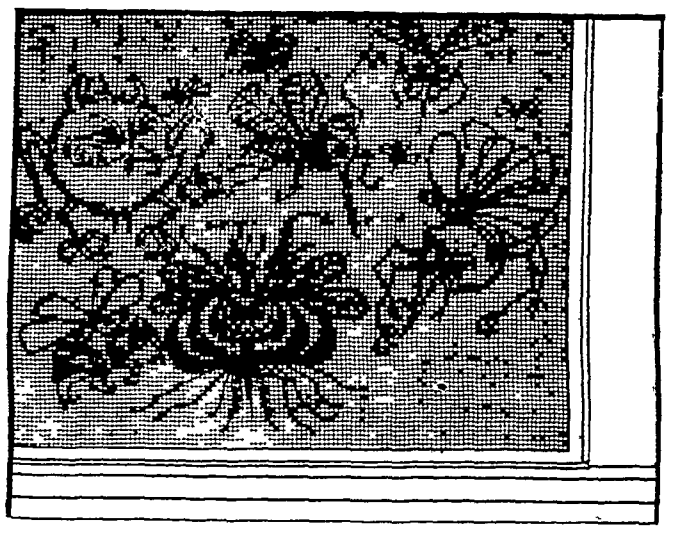

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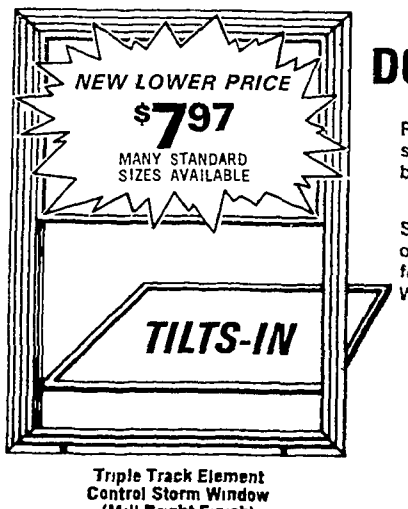

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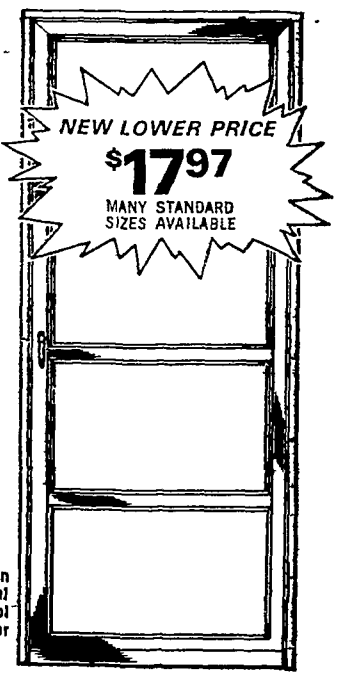

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Prevent Poultry Diseases

Prevention is the most satisfactory way to deal with poultry diseases and parasites, advises the USDA.

Many disease conditions can be prevented through good management, but cannot be cured once they actually occur

Contagious diseases usually can be prevented by completely isolating the flock, vaccinations are useful against some common diseases. Many inherited diseases can be avoided by using tested, healthy stock.

Diseases caused by nutritional deficiencies seldom develop if chickens are fed balanced rations.

Some drugs are effective in preventing specific diseases or parasites, but they do little good when used haphazardly Drugs should be used to reinforce good management, not as a substitute for it.

The following are effective preventive measures

Clean the poultry house before moving the flock in.

Provide clean, fresh feed and pure water Treatment of water is not necessary unless the source is contaminated.

Keep poultry house and equipment clean and dry.

Provide adequate ventilation during hot weather.

Screen houses to protect the flock from diseases carried by free flying birds

Control rats and mice

Obtain U S Pullorum Typhoid clean chicks from a National Plan hatchery.

If possible, have birds of only one age on the farm Alternatively, separate birds of different ages into different flocks Keep flocks at least 40 feet apart.

Keep poultry house locked

Limit visitors to the poultry house When a visit is justified, supply the visitor with rubber or plastic boots or insist that he scrub and disinfect his shoes or boots

Store droppings and litter where they are not accessible to range or wild birds.

Use a vaccination program recommended for your area

Keep delivery trucks as far away from the flock as possible Disinfect truck tires before delivering feed to range

Do not let trash or junk accumulate in or near the poultry house

When a disease outbreak occurs, determine the cause as soon as possible,

If you do not recognize the disease or parasite, take or send four or five live chickens to the nearest poultry diagnostic laboratory (Your veterinarian or county agent can give you the address) Poultry-disease experts need live birds to make an accurate diagnosis

In sending chickens to the laboratory, be sure to list the symptoms, number of affected birds, number of deaths source of stock size of flock, feeding program vaccines used your name, address, and county, and other pertinent information

Recommended measures to control disease

Incinerate or put into a disposal pit all dead chickens

Remove all obviously sick chickens from the flock It usually is best to kill them and dispose of the carcasses

If birds are to be treated, put them in a separate pen or hospital coop as far away from the other birds as convenient Follow the treatment suggested by the poultry laboratory or a poultry pathologist.

Be careful not to spread disease from the sick birds. Take care of the diseased birds last, wear clothing and boots that can be left outside the pen, or disinfected after use Wash your hands before working with other chickens

Clean and disinfect the poultry house as thoroughly as possible after diseased birds are removed, without disturbing the remaining flock Remove litter used by diseased birds and replace it Clean and disinfect equipment

To get rid of internal parasites, contact your county agent or a poultry specialist

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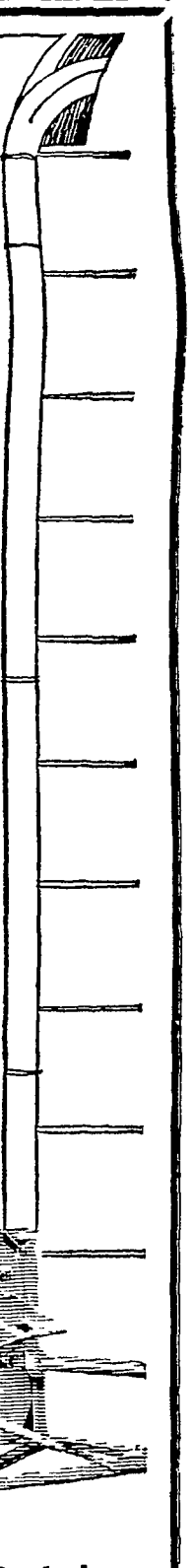

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Foundation Announces 8 Scholarships

Eight local youths were named winners of 1970 Lancaster Farm and Home Foundation one-year scholarships in the fields of agriculture and home economics Tuesday night.

Receiving the $400 scholarships were:

Arthur N. Bomberger, son of Mr. and Mrs Clair N. Bomberger Gap RD1. He is graduating from Pequea Valley High School and plans to study agriculture at West Virginia University.

Ray A. Brubaker, son of Mr and Mrs. Raymond Brubaker, 206 Rohrerstown Road, Lancaster. After graduating from Hempfield High School, he plans to study agriculture at the York campus of Pennsylvania State University. He plans to specialize in animal science.

Susan Y. Kegerise, daughter of Mr and Mrs Randall Kegerise, 403 Spruce St, Denver. She will graduate from Cocalico High School Her plans call for enrollment at Drexel Institute of Technology to major in home economics.

Patricia A. Longenecker, daughter of Mr. and Mrs. Roy E. Longenecker, Marietta RD1, who will graduate from Donegal High School She plans to study home economics at Indiana University of Pennsylvania.

Elizabeth Preston, daughter of Mr. and Mrs. Forest Preston, Oxford RD2, a senior at Solanco High School. She plans to enroll in the pre veterinarian course at Penn State.

Gail E. Reppert, daughter of Mr. and Mrs. Harry J. Reppert, of 119 E Ferdinand St., Manheim, graduating from Manheim Central High School. She plans to study home economics at the University of Delaware.

Deborah L. Spence, daughter of Mr. and Mrs. Richard C. Spence, 333 W. Stanton Road, Quarryville. After graduation from Solanco High School, she will attend the University of Delaware to study home economics.

Philip R. Stehman, son of Mr. and Mrs. J. Richard Stehman, Conestoga RD2, who will enter West Virginia University to study forestry after graduation from Penn Manor High School.

Each recipient will receive a $400 scholarship which may be used to help defray costs of tuition, fees, or room and board.

The Farm and Home Foundation scholarships are earnings from an irrevocable trust fund set up by the late Elmer L. Esbenshade, one of the founders of the foundation.

Max Smith, Lancaster County agricultural agent, shakes hands with Philip R. Stehman (left) Tuesday night after the Farm and Home Foundation had confirmed Stehman as one of the eight scholarship winners.

Flanking Smith are Arthur N. Bomberger and Ray A. Brubaker, also scholarship winners.

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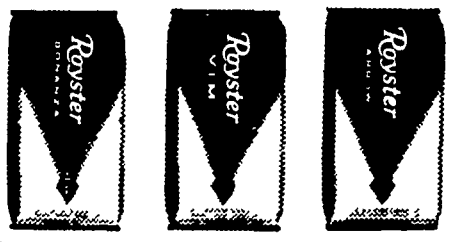

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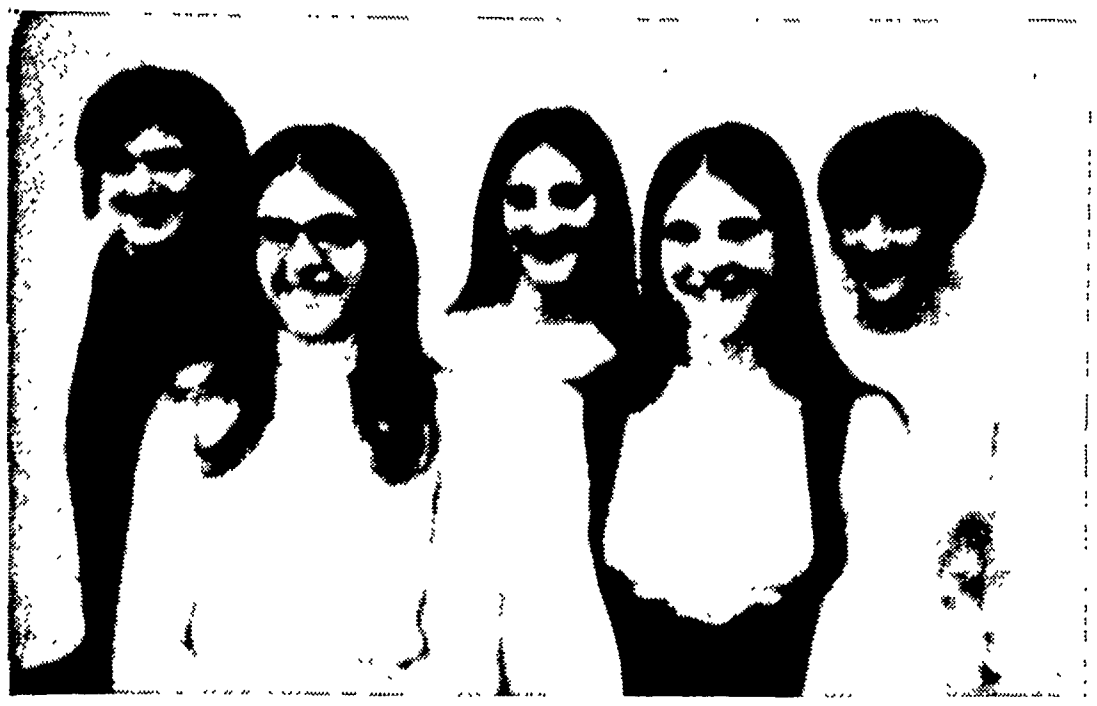
Foundation Scholarship Winners



Five of eight Farm and Home Foundation scholarship winners this year are, from left: Elizabeth Preston, Deborah L. Spence, Patricia A. Longnecker, Susan Y. Kegerise, and Gail E. Reppert.

Hess Will Attend State DHIA Meeting Wednesday

J Robert Hess of Strasburg RD1 is slated to attend a meeting of the Long Range Policy Committee of the Pennsylvania DHIA Wednesday at Penn State University.

He will be accompanied by Victor Plastow, associate county agricultural agent. Hess is one of five policy committee members along with Lewis Gregg, Randolph Hite, C. R. Hack and Harold Crider.

The committee is scheduled to consider several issues including the financial position of the association and the long range outlook for the fee schedule; how to get more herds on test; the central lab, including the ideal target date for shipping herd samples to Penn State, the Life History Sheet Program, including whether it should be mechanized at added cost to dairymen and whether an LHS should be prepared for each cow.

The local DHIA board will hold its quarterly meeting at 8 p m Monday at the Farm and Home Center.

Judging Seminar

Max Smith, Lancaster County agricultural agent, will attend a one-day beef cattle, sheep and hog judging training program sponsored by the Penn State animal Science department at College Park Tuesday.

The program will stress trends in judging to help insure uniform judging standards at local fairs and contests.

Holstein-Friesian Assn. Sets 'Realism' Meeting

Speaking recently of the forthcoming annual convention of Holstein-Friesian Association of America, Executive Secretary Robert H. Rumler, Battleboro, Vermont, stated that "Realism" will be the keynote of the convention.

Scheduled for June 28 through July 2, in Boston, Mass., the annual meeting of the world's largest dairy breed organization which is expected to attract over 1,500 delegates, members, Holstein breeders and guests who will be hosted by the Holstein breeder-members of the New England States Holstein-Friesian Association.

General discussions on the affairs of the breed and the Association in the Convention's Open Forum sessions are expected to bring out constructive thoughts and ideas for consideration by the Association's policy making board of directors for the '70's.

To expand discussion by those attending the Convention, four different Open Forum sessions have been scheduled simultaneously on different areas of Association concern.

Referring to the decade of Holstein history just past, Secretary Rumler stated in his Annual Report to Holstein Association members that "virtually all of the long-range goals of the Association set in 1958 for achievement by 1970 have been reached. Industry and breed predictions for for this period have become realities. The long-range plans of the Association generally have been carried to completion although it is recognized that each program and activity must be subject to periodic improvement and refinement."

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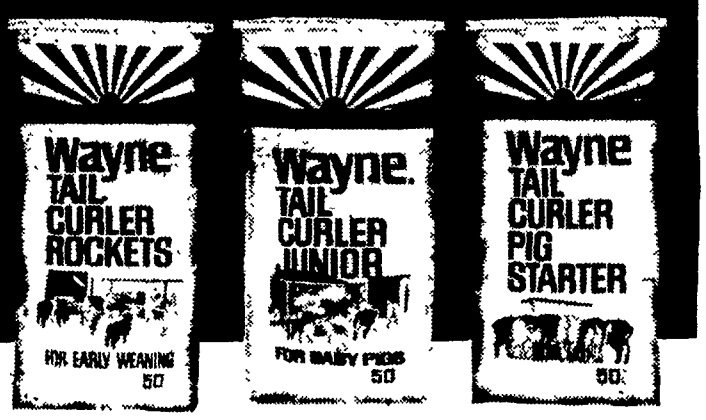

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Get Your Plants Off To A Good Start

FOR BIGGER YIELDS ON Tomatoes & Tobacco

Add To Your Transplanter Water

ORTHO-GRO LIQUID FERTILIZER 8-16-8

Use one quart to 50 gal. barrel

ORTHO-GRO is a proven organic liquid fertilizer giving plants that extra push they need to "start," and protect them against transplanting shock.

5 gallon can . . . $14.50

ISOTOX TRANSPLANTER SOLUTION

Use 4 ounces per 50 gal. barrel

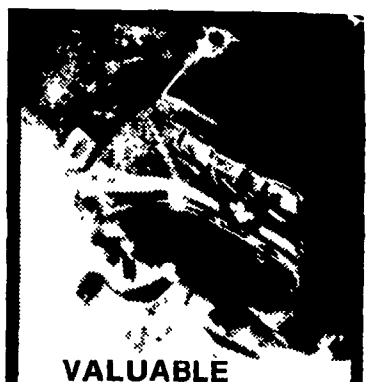
ISOTOX TRANSPLANTER is a Lindane solution that mixes readily with water and is designed especially for use in the transplanter. Gives low cost protection against wire worms, maggots and certain other soil insects.

1 pint . . . $1.85 **1 quart . . . $3.48**
1 gallon . . . $11.65

Get Your Supply From

P. L. ROHRER & BRO., INC.

SMOKETOWN **Ph. Lanc. 397-3539**



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moto-ski snowmobile
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available in this trading area

Moto Ski makes happy consumers and continues to break all sales records.

contact
Garden State Farm Supply Co., Inc.
Belvidere, N. J. 07823 201/475-2151
Wholesale Distributor

State Marketing Group Studies Egg Carton Ads

Previously a suggestion had been made to develop an egg carton for Pennsylvania Egg Marketing Association members to merchandise

A committee consisting of Mel Mitchell Tom Smith, and Ray Sauder with the help of suggestions from the carton manufacturers presented a suggestion relating to the type of information a carton should have on it

There were many ideas and opinions, the matter of developing an egg carton for special merchandising was set aside for the time being to give a committee time to develop a program

President Frank Troester appointed Earl Hess Chairman, K M Souders and Tom Smith as the committee to study a program and report at the June meeting basic material that should be considered in a new and far reaching merchandising effort

In other action the group was advised that the Executive Committee had decided that the meetings in the future will start at 7 p m instead of 7 30 p m This will provide an opportunity to conduct more business and perhaps conclude the meetings at an earlier hour so members can arrive home earlier

Following a discussion it was decided that due to the heavy expense involved in staging a "buyers night," the one for 1970 would be postponed until next year

There was a lengthy discussion on frequency of meetings There seemed to be a wide variation of opinion To conclude the subject a committee will study the situation and report at the June meeting

Secretary Bull Names 21-Man Fairs Council

A 21-man Fairs Advisory Council was named recently by State Agriculture Secretary Leland H Bull

The council will advise the Pennsylvania Department of Agriculture on the distribution to fairs of money received from pari-mutuel harness racing

Council members are Edward G Leidig, Allentown Fair, Chairman, G David Bushman, South Mountain Fair, Lindy Vicari, Reading Fair, Edwin F Green, Cambria County Fair, H. M Burrows, Wattsburg Fair; Kermit Laney, Huntingdon Fair, Milo Zimmerman, Jefferson County Town and Country Fair

Warren Fiester, Sullivan County Fair, Clyde Robison, Washington Fair, Dr W J Perkins, Honesdale Fair, John A Dempwolf, York Fair, Elton B Tait, Pennsylvania State University, Clyde Kiess, State Association of County Fairs, J. Howard Diely, Bloomsburg Fair

Pennsylvania Department of Agriculture staff named to the council Secretary Bull, Donald K Probert, John W Early, Dwight B Howell, John F Zimmerman and Donald O Cunnion

In seven years of harness racing, fairs have received more than $6 million from pari-mutuel harness racing revenues

● Now Is The Time

(Continued from Page 4)

the label and instructions on the container of weed spray Too many times the spray is applied in excess amounts endangering nearby crops Most weed killers should not be applied in temperatures above 90 degrees The danger of drift of the spray at the time of application, and danger of vapors for several days the latter should be fully recognized Be careful with all spray materials

Warwick FFA Chapter's New Officers

Newly elected officers of Warwick's FFA Chapter are (front row left to right): David Fisher, treasurer; Gerald Martin, vice president; Kenneth Grube, president. Dale Martin, secretary. (standing left to right): Nelson Boll, parliamentarian; Mike Grube, reporter; Jim Kerr, FFA chapter advisor; Glen Weaver, sentinel; Luke Weaver, chaplain.

Toro wins... starting and finishing!

IT'S THE ONLY RIDER-TRACTOR THAT STARTS WITH A KEY AND OFFERS A TRIMMER ATTACHMENT . . . FOR FINISHING TOUCHES.

Turn the key and you're off and mowing with a TORO Tractor. Cuts mowing time in half. Cuts a wide swath, too . . . from 25" to 42". And what results! TORO's free-floating cutter housing follows ground contours perfectly. Gives your grass a more even cut Our new Key-Lectric† Trimmer attachment cuts trim time, too. No bending or stooping. You can do the job right from your bucket seat. You can do lots of jobs with your TORO! With easy pin-on attachments, it's a snow thrower, hauler, plow . . and more What a buy! Prices from $419.95*. Horsepower from 5-12. (Bagging optional.) Trimmer . . $9.88* with 5 h p. electric start model. (Free on other electric start models) Cut your grass with a little class — on a new TORO Tractor. It's the winner . . . from start to finish!

†Exclusive trade name of Toro Mfg Corp.
*Mfr's suggested retail price

TORO.

take the bull by the horns.

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Pond Road, Ronks R. D. 1 Phone 768-3670
(2 Miles Northwest of Intercourse)

ORTHO PHOSPHAMIDON

KILLS INSECTS

THAT SUCK, BITE, CHEW, LICK OR JUST SIT ON YOUR PLANTS.

ORTHO Phosphamidon is a great way to control pests on apples, citrus, cotton, walnuts and vegetables.

Phosphamidon 8 spray is a liquid organic insecticide that kills a wide range of insects on contact.

Phosphamidon is also a systemic Quickly absorbed into plant tissue, it moves throughout the plant parts for continuing protection against major sucking insects and certain chewing insects

It turns plants and trees into traps for aphids, thrips, leafhoppers, fleabeetles, leaf miners, husk flies, and codling moths

Because the protection works inside the plant, it resists being washed away by rain or watering — it lasts longer.

Phosphamidon simplifies the whole job of insect control by doing a double-action job against many crop enemies You save on labor, bookkeeping and inventory costs by using only one material to do the protective job ordinarily requiring as as many as three.

There's little risk of crop damage with Phosphamidon, and it's tough on insects You'll probably have a much higher top grade yield — at least there's plently of happy growers who've had that experience.

Phosphamidon is water-soluble, easy to mix and combines well with other sprays Because it's rapidly absorbed in plant tissues it is possible to enter treated areas after 24 hours.

What chance does an insect have when the crops turn against him?

ORTHO

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Helping the World Grow Better®

TM'S: ORTHO, CHEVRON DESIGN, HELPING THE WORLD GROW BETTER — REG. U.S. PAT OFF. ON ALL CHEMICALS READ THE CAUTIONS, WARNINGS AND DIRECTIONS BEFORE USE.

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Area FFA Meat Judging Contest Winners

Some candid Lancaster Farming photos taken Tuesday at the area FFA meat judging contest at Kunzler & Co., Inc., 652 Manor St., Lancaster.

Top left, evaluating swine carcasses; top right, determining which beef carcass is best, and bottom, identifying retail meat cuts.

Red Lion FFA Chapter, York County, won the top two spots in the area FFA meat judging contest at Kunzler & Co., Inc., Lancaster, Tuesday, but Lancaster County youths took the remaining top 10 spots

Only six of the winners, however, are eligible for the state competition at Penn State University July 1-3, including one from Red Lion and five from Lancaster County.

Larry Bacon of Red Lion who placed second this year was eliminated from the Penn State competition because he was an area and state winner last year. He won a trip to the Kansas City national contest last year after being a winner in the state contest and is banned from repeating

Mike Bankert of Red Lion took top honors at the area contest with 394 3 points, followed by Bacon's 372 points

Eligible for the state contest with Bankert in July are the following Lancaster County youths Amos Sauder, 364 points, Manheim Central FFA, Nelson Weaver, 341, and Robert Harting 315 7, both of Cloister FFA of Ephrata, Sam Trupe, 306 9, Grassland FFA New Holland, and A Bensinger, 306 7, Solanco

Others in the top 12 were Dennis Palm 302, and Rick Pfautz, 300, both of Cloister, Marlin Becker, 292, Manheim Central, Richard Aument, 282, Solanco, and Doug Shenenberger, 278 6, Manheim Central

Apple Vote Set May 26

Ballots on whether to continue an apple marketing program which was adopted three years ago must be returned by apple growers to the Pennsylvania Department of Agriculture by noon Tuesday, May 26, when counting will begin

The deadline was set back from May 21 because of an unavoidable delay in preparing the ballots

State Agriculture Secretary Leland H Bull said 440 producers with 500 or more trees each will be eligible to vote

Is it too late for good weed control in corn?

Not yet.

You can still apply the No. 1 weed killer, AAtrex® herbicide. It gets almost all the grass and broadleaf weeds in corn — if you spray before they're 1½" high.

So, don't give in to a weedy corn field. There's still time to spray AAtrex. We'll give you all the information you need on this post-emergence application of the herbicide that is safe to your corn.

Your Local AGRICO Dealer

Or Stop At . . .

Lancaster Agrico Service Center
1661 Rohrerstown Road

Churchtown Agrico Service Center
Route 23

Quarryville Agrico Service Center
North Church Street

AGRICO PESTICIDES HELP YOU STAY ON THE CRITICAL PATH TO BETTER YIELDS

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DRIVERS NEEDED

Train NOW to drive semi truck, local and over the road You can earn over $4 00 per hour after short training For interview and application call 304 232 7250 or write Safety Dept United Systems Inc 183 N River Road, Wheeling West Virginia 26003

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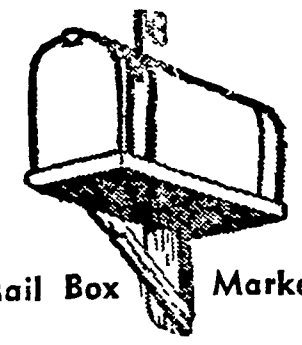


Mail Box Market

Chicken Bar B-Q Dinner Brandin Hand Fire Company, Saturday May 30 11 A M until ? Adults $1 75, Children $1 25 Take out available

For Sale—3 pt hitch Ford cultivators 2 wagons with flat beds-1 Grove and 1 McCormick Call after 6 P M 442 4510

For Sale—Labrador Retriever pups AKC Registered Excellent breeding Phone 626 5628

For Sale—14 Cheviot sheep Rams, Ewes and Lambs Phone 733-8554

For Sale—Like new combination tool shed and playhouse, custom made wood construction with door and 2 windows, 4 ft wide by 7 ft long, $125 00 Phone 393-9443

For Sale—New Idea 5 bar hay rake Also an Oliver tractor mower Phone 733-8770

For Sale or out for keep, 2 yr son of True Type Model out of an EX91 Ivanhoe with 2 records over 1 000 lb fat Phone 215-932-9762

For Sale—Case Model C Greenfield chopper, pick up attachment and corn head, also New Holland blower Maness Richardson, Delta 456-5160

Wanted—One registered Brittany Spaniel male 1½ to 3 yrs old, trained Phone 562 8340 area code 215

For Sale—Registered Kingpin Bull, service age Ivanhoe Dam 21,208 lbs milk, $275 00 Phone 665-4239

For Sale—32 new and used milk cans, 8 year old Standard Bred driving horse Jonas E Zook, Quarryville RD3, 1 mile West of Georgetown

For Sale—John Deere MT, double plows A 1 shape, sell or trade James F Clark, Malvern RD2, Pa 19355

For Sale—Farmall Super H with good rubber, also 40 ton of ear corn Clarence Snyder, Red Lion, RD1 Pa Phone 927-6580

For Sale—Hay for bedding or mulch, $20 00 a ton John Deere D tractor, Samuel S Zook, near Witmer Fire Hall

For Sale—4 year old work horse 5 year old mule Apply Harry Reiff, 101 Glenbrook Road, Leola Pa

Wanted—Good home for male AKC Registered St Bernard dog Full grown Phone 626 8972

For Sale—641 Ford Tractor cultivator and plow, Sauder loader with hydraulic bucket, also Hahn Eclipse riding mower Phone 626 8065

Livestock

Wanted to Buy—Red and White Holstein Heifer Calves Karl Herr Kirkwood RD1 Phone 529 2367

For Sale — Purebred Yorkshire boars bred gilts and open gilts Carcass championship bloodlines Willow Glen Farm R D 1 Strasburg, Pa Ph AC 717-786-2562

Sale Register

TUES MAY 26—1 00 P M Feed etc Pre Sale for Ben Bucher Valley Road Strasburg Mel Weaver Mgr

Sale Register

FRI MAY 29—10 30 A M All Day Sales located on North Maple Ave Leola Pa ½ mile off Rt 23 Farm Machinery, Lumber, Hardware, etc Terms by David H Good

MON EVE JUNE 1—Martin's Sale Stables Blue Ball Pa Horse Pony and Equipment Sale by Gene Shirk and Larry Martin Phone 717 354 6671

SAT JUNE 6—10 30 A M Public Sale of Real Estate and Personal Property including a lot of antiques located along Silver Maple Road 3 miles S of Lancaster 1 mile N of Mt Hope just off Rt 324 Eden Twp Sale by Esther W Wenger Estate

Sale Register

WED. JUNE 10—9 A M. Public Sale of Farm Equipment and Implements Martin's Sale Barn Blue Ball, Pa We sell on Commission, Paul Z Martin

MON EVE JUNE 15—Martin's Sale Stables Blue Ball, Pa Special pony sale Tack at 5 p m Ponies at 6 P M Sale by Paul Z Martin Ph (717) 354 6671

JUNE 30—Levi W Mast Clay Pa. Berks Co Registered Holstein Disp See later ad

MON EVE JULY 13—Martin's Sale Stables Blue Ball Pa Special Sale of Kentucky Saddle Horses Sale by Paul Z Martin Ph (717) 354 6671

New Magic Hitch

MagiKitch is now being marketed nationally by Agri-Systems, Inc of Decatur, Ill. MagiKitch is an automatic, self-coupling hitch to provide for towing wagons, forage boxes and implements behind tractors and other self-propelled farm equipment even at an angle as great as 30 degrees, according to the firm

Sale Register

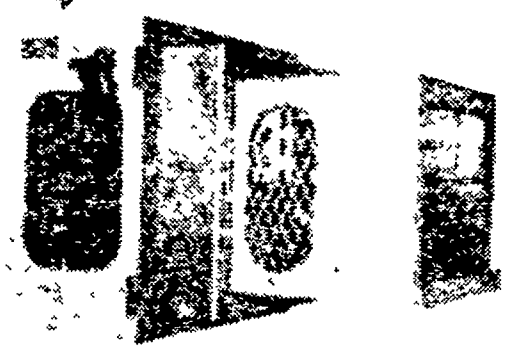
MON AUG. 24—Shalco Collpssal Vacation Sale Minatare, Nebraska

Try A Classified Ad It Pays!

BURCH EGG COOLERS

Protect Quality
Protect Profits

6 Sizes To Choose From



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Egg Room Doors

Standard Sizes available from stock

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Plus ATRAZINE for CORN

the most versatile annual grass and broadleaf weed killer combination on the market for CORN!

LASSO® Plus ATRAZINE gets the job done . . .

with or without incorporation, without crop damage and with reduced carryover possibility; in all soil types from sands to clays.

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DAIRY FARMS
MENNONITE AREA

#1 303 ACRES — 200 tillable, more available 75 acres pastureland, balance woodlot. Comes stocked and equipped. Drive thru basement barn, 95 ties, plus pens and stalls, gutter cleaner, 625 gal. bulk tank, dumping station, 2 concrete silos, metal corn crib, storage buildings. Approx. 80 head Holstein cattle, 45 milch cows, balance bred, open and started calves. Machinery consists of, J.D. 3020 diesel tractor with blade & scoop, Ford 8N tractor, plows, drags & discs, 2 self unloading wagons, 2 kicker racks, 2 spreaders, haybine, baler with kicker, field chopper, side delivery rake, 4 row corn planter, weed sprayer, grinder mixer, blower and pipe. Hay elevator, mow conveyor, 6 milking units and all tools pertinent to dairy farming. Excellent 4 bedroom modern home only 5 years old. **Complete $120,000.00** or may be bought bare

#2 240 ACRES — Nearly all tillable. 65 stanchion barn, plus stalls and pens. Gutter cleaner, 600 gal. bulk tank, 2 concrete silos. Garage and machinery storage. 2 good houses. Same owner 33 years, now retiring. **$82,500.00.** Reasonable down payment, terms on balance to qualified buyer .

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If you are thinking of buying a New York State dairy farm, it will pay you to consult me.

Call Area Code 315-457-3380

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Individual needed for cleaning office 1 day a week Apply
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Night watchman wanted Excellent rate and fringe benefits, plus overtime Call Mr Baird, 684 2735 between 8 A M and 4 P M An equal opportunity employer
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FREE CIRCULAR — Country Records and Tape Cartridges — Fiddle Tunes-Waltzes-Blue Grass. Uncle Jim O'Neal, Box A-LF Arcadia, Calif. 91006

WOOD SHAVINGS. Ideal for work-ways and bedding $12 per ton Can be delivered in bulk loads of 10-12 tons Less expensive than straw or tanbark Contact Bob Geist at Leola Supply Co. Inc. Ph 717-656-6811

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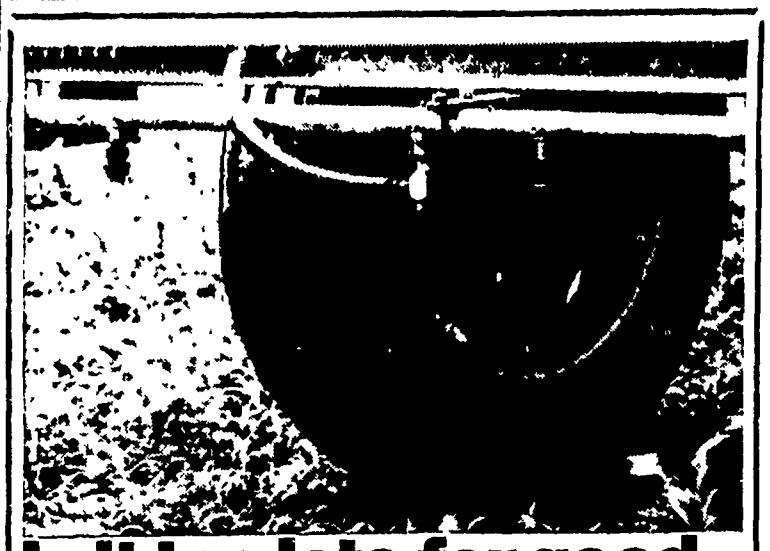
For Sale—Upright Piano excellent condition, $275 Phone 653-5980



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6 H.P. LAWN BOY
RIDING MOWER 30" Cut

List Price $464.

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SALES & SERVICE
Hahn-Eclipse and Lawn Boy Rotary Mowers
We Service & Repair All Makes Power Mowers
Have Few Used Mowers For Sale.

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400 gal. Wilson Bulk Milk Tank, direct expansion, M.C.D. 1 N.Y.

12 & 7 Can Star Milk Coolers
Lehigh Refrigeration Compressors
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NOTICE — We have been appointed Stocking Warehouse for Milk Keeper Bulk Tanks.

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For A Limited Time Only
20% OFF List Price

FREE SPOTLIGHT
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856 Custom	Less Than $9000.

USED TRACTORS

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300 Farmall with 3 Bottom Plow	
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4 Unit Planters for tool bar $150.00 each

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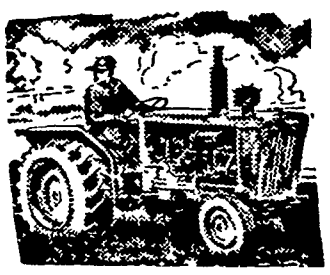

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65 dairy heifers

108 acre farm

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JD 6 row cornplanter

New Owatonna 9 ft. pull type haybine — reduced 20%

7 PTO Hopper blowers

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For Quick Sale
21 to select from
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27 late model harvesters with pick-up attachments

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SPECIAL—JD 105 combine with 12 ft. grain head and 4 row 30" corn head with cab, excellent condition

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Case 770 "Field Day Demo."
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Int U-21 Power unit with clutch and pulley, 1963 Jet Star M M tractor wide front end, power steering, live shaft 3 pt Ford Jubilee tractor Donald Balthaser, RD6, Sinking Springs, Pa 19608, phone 215 777-0052

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200 gal. Girton bulk tank;
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Located along Silver Mine Road, 8 Miles South of Lancaster, One Mile North of Marticville, just off Route #324 Pequea Twp.

Real Estate includes a — 1½-Story Dwelling — Built in 1953

Containing 5 Rooms and Bath (large Kitchen) first floor; 4 Rooms and Bath (Apartment) on Second.

Plenty of Closet Room, throughout full basement.

Situated on a Lot, well over an acre in size. Plenty of Trees and Flowers, Well, Cistern. Well constructed House over-looking the surrounding Countryside.

Real Estate to be sold at 2:00 P.M.

For Information or Appointment — Phone 872-8052 evenings.

Antiques Include Cherry Corner Cupboard

Oak Round Extension Table, Old Rockers, Wardrobe, High Chair, Cradle, Oil Lamp, Old Trunk, Pictures, Plenty of Dishes, Waterbury Wall Chime Clock, Old Beds, Dressers, Wash Stands, Chests of Drawers, Cane Chairs, Kitchen Coal Range

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Upright Freezer, Dexter Wringer Washer, G E Toaster, Sunbeam Mixmaster, Breakfast Set, Studio Couch, Recliner Chair, 12'x18' Living Room Rug, Porch Glider, Metal Beds, Mattresses, Desk, Photo Developing Set, Portable Sewing Machine, Comforts, 22 Rifle, Single Barrel Gun, Tools, Wheelbarrow, ½ Inch Drill.

Household Items will be sold at 10 30 A M.

Sale by
BARBARA W. MILLER, ESTATE

Executors: Norman D. Miller & John Henry Miller
Carl Herr, Atty.
Carl Diller & J. Everett Kreider, Aucts.
Lunch by New Danville Auxiliary.

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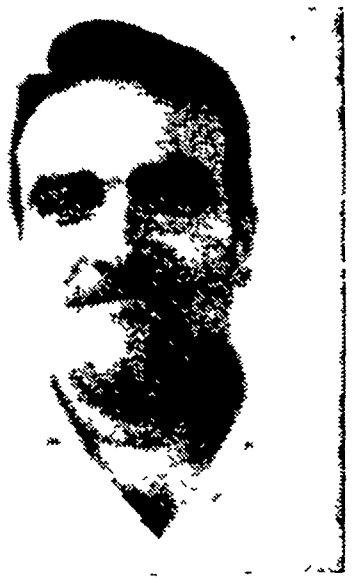

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SECOND SECTION

LANCASTER COUNTY DHIA MONTHLY REPORT

A Registered Holstein cow owned by Amos M Stoltzfus of Elverson RD2 completed the highest 305 day lactation

Lilly produced 18,915 pounds of milk and 838 pounds of butterfat with a 4 4 per cent test

Second high lactation was completed by a Holstein cow owned by Mervin Sauder of Lititz RD2 Carrie produced 21 632 pounds of milk and 799 pounds of butterfat with a 3 7 per cent test in 305 days

The herd of Amos and Eleanor Hershey of Kinzers had the highest daily butterfat average. This herd of 26 0 Registered and Grade Holstein cows averaged 48 2 pounds of milk and 2 17 pounds of butterfat with a 4 5 per cent test

The herd of David L Landis of 1896 Colebrook Road, Lancaster, placed second This herd of 27.0 Registered and Grade Holstein cows averaged 54 0 pounds of milk and 2 16 pounds of butterfat with a 4 per cent test

FIRST 305 DAYS OF LACTATION WITH 600 OR MORE POUNDS OF BUTTERFAT

Owner - Name	Breed	Age	Days	Milk	Test	Fat
Amos M. Stoltzfus						
Lilly	RH	6-5	305	18,915	4 4	838
Mervin Sauder						
Carrie	GrH	8 4	305	21,632	3 7	799
Brinton & Eager						
Cathy	RH	5-8	305	17,892	4 5	797
Emma	RH	3-6	305	13,851	4 8	662
Elmer S Stoltzfus						
Dale	RH	5-5	305	16,926	4 7	794
Joseph Eshleman						
Tracy	RH	5-4	305	21,233	3 7	776
Pamela	GrH	5-11	305	16,548	3 7	610
J Z Nolt						
Ozzie	RH	6-9	301	18,502	4 2	773
Samuel F King						
Martha	RH	9-10	305	20,457	3 7	762
Terance	RH	5-9	305	18,625	3 3	610
Dale E Hiestand						
Micky	RH	3-8	305	18,981	4 0	762
Soverin	RH	7-3	305	15,598	4 5	706
Earl E Martin						
Joyce	RH	5-4	305	18,462	4 1	755
Agnes	RH	12-2	305	13,706	4 6	636
Kenneth A Skiles						
Sancy	GrH	5-10	305	16,124	4 5	731
Donald S. Eby						
Vichi	RH	6 6	305	17,129	4.2	725
Pearl	RH	6-8	305	17,647	3 9	696
Michele	RH	2-1	305	13,880	4.8	669
Amos H Rutt						
Belle	GrH	7-5	305	16,731	4 3	715
Donna	RH	4-9	305	14,564	4 4	637
Glenn C Hershey						
Polly	RH	8-1	303	17,858	4 0	712
Harry G Kreider						
Sparkle	RH	4-6	305	18,004	3 9	708
Queenie	GrH	2-10	305	14,547	4 5	648
Ginger	GrH	6-8	305	14,565	4 3	632
Sandra	RH	10-5	305	16,380	3 7	614
Lantz Brothers						
Allen	RH	6-9	305	19,145	3 7	707
Ellis D. Kreider						
R 11	GrH	5-4	305	17,257	4 1	702
Jesse Cutler						
Marty	RH	5-8	304	16,594	4 2	699
John J. Landis						
Ruffles	RH	6-3	305	16,877	4 1	695
Christian K Lapp						
Jewel	RH	4 0	305	18,951	3 7	694
Judy	RH	3-8	305	17,613	3 9	687
Helena	RH	5-1	305	18,734	3 4	643
Titus B Stoner						
Starpin	RH	3-2	305	20,558	3 3	684
Robert F & Joan B Book						
Ruby	RH	7-5	288	15 645	4 4	683
J Clayton Charles						
Mae	RH	3-2	305	16,378	4 1	678
Earl Smoker						
Penny	RH	4-7	305	18,093	3 7	677
Abby	RH	6-10	305	19,195	3 5	674
C Witmer Shearer						
Ivy	RH	3 5	305	15,788	4 2	670
Connie	RH	9-3	305	18,326	3 6	658
Ezra M Martin						
Lucy	RH	4 8	305	15,089	4 4	669
Paul B Zimmerman						
Grace	RH	5 8	305	20,745	3 2	668
Allan R Shoemaker						
Linda	RH	4 5	305	18,671	3 6	664
Fannie	RH	6-1	305	14,299	4 3	619
Roy H & Ruth H Book						
Connie	RH	6-2	289	14,157	4 7	664
Gem	RH	4-11	305	16,299	3.7	603
John N. Landis						
Fawn	GrG	8-7	305	13,177	5 0	663
Lloyd E Miller						
Dolly	RH	5 6	305	17,900	3 7	662
Mahlon M Fry						
Harriet	RH	4 2	301	16 807	3 9	661
Kenneth E Zurn						
Diane	RH	7 10	305	15,654	4 2	661
Masonic Homes Farms						
Marie	RA	4 4	305	16 082	4 1	658
S R Shellenberger						
Cletta	RH	8 4	305	16 212	4 0	656
Rhythm	RH	4 7	305	16 784	3 8	645
Peg	RH	8 11	305	15 921	3 9	626
Quelletal Farm						
Cay	RH	7 6	305	18 061	3 6	655
Paul K Farrel						
Miriam	GrH	7 7	305	17 887	3 7	653
Calvin D Beiler						
Lynda	RH	3 3	305	19 830	3 3	652
Ernest J Sauder						
Star	RH	3 6	305	18 216	3 6	632
C Richard Landis						
Becky	RH	4 7	295	13 898	4 7	651
Neta	RH	3 2	305	15 998	4 0	641
Star	RH	3-1	305	16,168	3 7	601
David L Landis						
Rose	RH	7-1	305	15 986	4 1	650
John E Campbell						
43	GrH	5-2	305	18,970	3 4	645
Wilmer G Kraybill						
Mint	RH	5-3	305	18 566	3 5	644
Daniel E Trimble						
Queen 2	RH	6-1	305	15,917	4 0	640
Marvin S Nolt						
1	RH	6-4	305	18,662	3 4	639
Lester M Weaver						
33B	RH	4-10	305	17,034	3 7	638
95	RH	8-1	305	14,768	4 2	617
J Mowery Frey						
Happy	RH	7-2	305	16,717	3 9	638
John B Groff						
Kay	RH	4-2	296	16 752	3 8	637
Sally	RH	3 2	305	15,730	4 0	622
Frank S Weidman						
Carol	GrH	5-11	305	15,811	4 0	637
Kenneth L Beiler						
Cora	RH	3-3	305	16,552	3 8	636
John & H Farrington						
Jane	RH	6-7	305	17,558	3 6	635
Noah Kreider & Sons						
31	GrH		305	16,761	3 8	633
John S Wenger						
Roseana	RH	7-6	305	19,012	3 3	630
Robert W Ulrich & Son						
Abby	GrJ	6 7	305	11,012	5 7	630
Daniel L Martin						
Dimples	RH	6-7	305	15,865	4 0	629
J Elwood Longenecker						
Tena	RH	6-5	305	16,890	3 7	626
Jean	RH	3-3	305	13,841	4 4	615
Paul H Hursh						
17A	RH	3-7	305	15,011	4 2	624
David S Huber						
Pabst	RH	8-11	305	16,363	3 8	622
Benuel K Stoltzfus						
14	GrH	10-9	305	20,199	3 1	621
Nathan G Stoltzfus						
Edith	RH	8-3	305	16,923	3 7	621
Jacob S Stoltzfus						
Bob	GrH	5-5	305	16,178	3 8	621
Albert H Mellinger						
Mildred	RH	6-8	305	16,282	3 8	618
LeRoy K Stoltzfus						
Nancy	RH	8-1	305	18,602	3 3	617
B F & Mary Eshelman						
102 Suze	RH	3-2	305	15,716	3 9	617
Curtis E Akers						
Lyda	RH	3 6	295	12,966	4 8	617
Edwin K Wise						
Bonnie	RH	2-6	305	14,130	4 4	615
James W Bowman						
Blackie	GrH	3 3	305	13,267	4 6	614
J Richard Garber						
Jess	RH	7-5	305	14 308	4 3	612
Dwight D Hoover						
Ada	RH	4-2	297	16,184	3 8	610
John E Kreider						
Coleen	RH	6-5	305	15,699	3 9	606
Jonas S Nolt						
Flo	RH	6 6	289	15,063	4 0	606
John L Landis						
4	GrH	6 4	301	16,039	3 8	605
John C Groff						
Sylvia	RH	7 8	305	15,734	3 8	601
Hervey R Ferguson						
Monag 67	RG	5 9	305	10,665	5 6	601
Parke H Ranck						
Tina	RH	3 6	298	13,529	4 4	600

HIGH DAILY BUTTERFAT AVERAGES

Name	Breed	Days On Test	No. Cows	% Cow Days In Milk	Milk Lbs.	% Test	Fat Lbs
Amos & Eleanor Hershey	R&GrH	29	26 0	99 7	48 2	4 5	2 17
David L Landis	R&GrH	31	27 0	97 7	54 0	4 0	2 16
Benuel K Stoltzfus	R&GrH	37	28 1	92 9	56 5	3 7	2 07
Paul B Zimmerman	RH	29	29 7	85 3	50 7	4 0	2 03
Benuel S Beiler	RH	26	35 1	97 6	53 1	3 7	1 99

(Continued on Page 19)

Facts Dairymen Should Know

By: Victor Plastow
Associate Agricultural Agent

Ketosis is the most important metabolic disease of modern herds of dairy cattle which have the genetic potential for high production and lack the management to accomplish it

We do not have all the knowledge necessary to be able to feed today's dairy cow as she needs to be fed, but lead feeding to freshening, challenge feeding to peak production and careful feeding beyond that to keep the cow in her best physical condition appear to be good steps in the right direction.

Dairymen should constantly remind themselves that a high level of milk production is in itself a burden of stress which demands the best possible management to minimize other sources of stress

The answer to herd ketosis is not clear in nutrition or medicine, but we have suggested management guidelines and a few drugs which are useful.

The use of methionine and possibly other essential nutrients may contribute tremendously toward elimiating this disease which has plagued good dairy herds

Milk Fever

Milk fever is largely a management disease Dairymen should concentrate on the managing of their dry cows (this includes feeding them) so that they will be in the best possible condition for freshening. If a good management job is done, the number of milk fever cases will be minimal, and dairymen can then well afford to use the services of a good veterinarian to treat them

Be sure calcium phosphorus ratio in the diet of dry and freshening cows approaches 1·1.

Maintain dry and freshening cows in lean, active condition. Lead feed cows approaching freshening to meet their needs.

Be alert for early milk fever symptoms in cows likely to come down with it Most milk fever cases should be treated hours before the cow would go down

Depend upon your veterinarian to carefully examine cows suspect for milk fever and give them adequate treatment

Early treatment, adequate treatment, correct treatment and nursing will prevent losses from "downer" cows.

Production Drop

Adjustments of concentrate feeding level to abnormally high drops in milk production over any specified period can be of real value

Once cows have peaked for the lactation they generally will decrease in production at the rate of about 5 per cent per month in well-fed, well-managed herds, or about 10 per cent per month in the average herd.

When the decrease exceeds this rate, one should feed an additional one pound of grain

(Continued on Page 30)

Also Discusses Food Stamp Program

Hardin Says Food Is Good Buy

Secretary of Agriculture Clifford M. Hardin recently told a meeting of agricultural advertising and marketing leaders the fact that food is a good buy is one of the worst told stories of the day.

"And understandably so," he said. "When milk, for example, goes up a cent a quart, how do you dramatize the fact that in terms of working time required to buy it, milk still remains 15 percent cheaper than it was 10 years ago?

"You don't The fact that a quart of milk cost him more time and effort 10 years ago means nothing to the consumer hit by a price boost today This is the problem faced by those of us who would point out that food expenditures continue to take a declining share of disposable consumer income in this country."

The Secretary addressed the 11th meeting of the National Agricultural Advertising and Marketing Association in New York City.

He also discussed participation gains in the USDA's food assistance programs, and the need to develop rural America as a place to live for all who would choose it, but he dwelt most heavily on food as a good buy.

He noted that food prices have risen less than three-fourths as much as all other consumer goods in the past 10 years.

"While the overall Consumer Price Index was rising by more than 30 per cent from the 1957-59 average, the retail cost of foods, as measured by a market basket, was rising 22 per cent," the Secretary said.

"In the same period — through 1969 — income per person rose by $1,252, or 67 per cent, while food expenditures went up by $131, or 35 per cent

"Ten minutes of factory labor bought twice as much bread in 1969 as it did in 1929 It bought more round steak, butter, milk, eggs, pork chops, margarine — all of them major food items

"And it buys the American worker more food than the same working time buys the man in other countries.

"Americans pay a smaller share of their income for food than anyone else — about 16½ per cent of our total consumer expenditures goes for food. In Canada, the figure is about 20 per cent; in Western Europe and Japan about 37 per cent; and it goes on up to 50 per cent in Russia and 60 per cent or more in developing countries.

"The fact is that in terms of income, in terms of working time, and in terms of other countries, food in America is a good buy — the best it has been. That is agriculture's consumer story, and one that must be told."

Food to Take Smaller Percentage of Budget

Food prices are expected to average 4½ per cent higher this year than last, but consumer disposable income is expected to gain at least as much as last year's 6 7 per cent.

That means the proportion of disposable income spent on food will drop even lower than last year's record low of 16 5 per cent USDA reported recently.

At the same time, the USDA also reported that increased supplies of poultry, eggs, beef, and canned and frozen fruits and juices suggest that total food consumption per person will increase slightly from a year ago.

The Secretary said he recognized that averages are sometimes deceptive, and that there are some poor people on fixed incomes — such as the widow on an annuity — for whom rising food prices are a real hardship.

Turning to family food assistance programs, the Secretary said that about nine million needy persons took part in them in March — five million in the Food Stamp Program, and about four million in the Commodity Distribution Program.

"The number of people participating and their food buying power have increased sharply since improvements made in the Food Stamp program earlier this year have begun to be implemented by State and local governments," he said

"In March, the value of bonus stamps provided to participating families totaled an estimated $70 million — up 37 per cent from $51 million in February, and more than double the January figure."

The Secretary said that this increase indicates that the revised program is accomplishing what it is designed to do — to reach the poorest of the poor and provide all needy families with more food for less money.

Under the program, a needy family pays the amount it has been spending on food; in return, it is given enough food stamps to buy in local stores an "economy level" diet worked out by Department food economists.

The Secretary said the added food buying power not only helps participating families, but also bolsters farmers' markets and increases business in food stores in low-income areas.

In the case of food stores, he said, it can have an important effect in ghettoes and rural areas where sparse consumer buying power has limited efficient food retailing operations.

He predicted that these benefits will grow as participation expands. He estimated that bonus payments under the stamp program will reach $100 million a month for June and continue into the new fiscal year at that level. The President has asked for a budget of $1.25 billion for the program for next year.

The Secretary reminded the

(Continued on Page 26)

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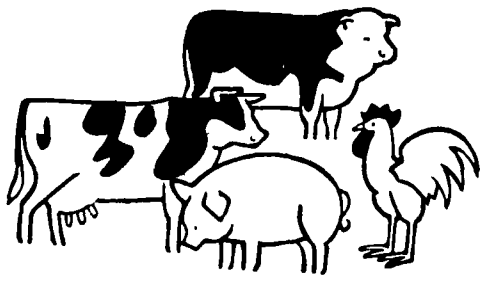

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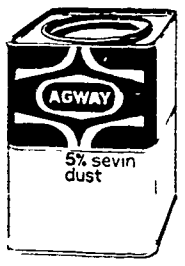

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4 lb. can $2.19

1% ROTENONE DUST

Safe to use on flowers, shrubs and vegetables for control of a wide range of insects Can safely be used right up until harvest time Rotenone is harmless to humans and pets Used to control fleas and ticks on dogs 1 lb dust will treat approximately 400 feet of row.

1 lb. can $ .85

4 lb. can $2.19

BORDEAUX MIXTURE

Potatoes, tomatoes and celery for blight control Apples for bitter and black rot Peach leaf curl Strawberry leaf curl Gray mold in Iris, Peonies, Dogwood blight, etc.

1 lb. 98c

SPRAYER

No 140 3½ gal capacity, 20" extension Heavy duty use Funnel top compressed air sprayers fill many needs Two stage safety locks prevent pumps from blowing out if released under pressure Units are electrically welded for greatest strength Pumps, adjustable nozzles and ⅜ inch extension tubes are brass Hose, gaskets and valves are oil resistant rubber

Price $13.80

4% MALATHION DUST

Controls wide range of insects on flowers fruits, ornamentals, vegetables, and pets Especially effective against aphids 1 lb dust will treat approximately 400 feet of row

4 lb. can $2.39

FRUIT SPRAY

Recommended for controlling many common diseases and insect pests of home gardens, fruit plantings, flower gardens and ornamental shrubs

1 lb. can $ 1.98

4 lb. can $ 4.95

25 lb. can $28.95

WETTABLE SULFUR

95% Sulfur which can be sprayed or dusted for prevention of diseases on fruits, flowers evergreens Spray 4 tbsp per gallon of water

5 lb. can $2.59

Agway

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Manheim Pike and Dillerville Road

What's New?

New Waste Shredder

Solid wastes generated by raising of livestock and crops are an increasing problem in this country The annual total is presently estimated to be over two million tons.

One cow produces animal waste equal to the sewage of 16 people A feedlot of 10,000 cattle has the waste disposal needs of a city of 160 000 people

A new solid-waste disposal machine, the Roto Shredder, offers a solution to the growing waste problems of large-scale rural livestock operations, according to field studies now being conducted on composting of organic wastes at Rutgers University, New Brunswick, New Jersey

In five months of testing swine manure, it has been found that the shredding unit reduces the volume of manure by at least 50 per cent, eliminates all offensive odors and lengthens landfill life

The Roto-Shredder, developed by General Products of Ohio, Inc, Crestline, Ohio, recently was declared one of the "Seven Engineering Wonders of Ohio" by the Ohio Society of Professional Engineers The award is given each year for imaginative and unique engineering projects

Purpose of the unit is to provide methods of disposal for present day organic solid wastes including paper, both agricultural and urban, in a sanitary, high volume, economical fashion

When used for landfill, advantages to the shredding-composting process are longer landfill "life", a reduced volume of earth required to cover the landfill, reduced fire hazards and sterilized refuse causing no ground or air pollution

When spread over the soil, manure thus processed is greatly reduced in volume saving labor costs In addition, all offensive odors are eliminated

The machine also has a low operating cost compared with incineration and other composting methods

Offensive odors and high germ-producing bacterial content of the wastes which threaten the existence of the swine, poultry and dairy industries of New Jersey led to the Rutgers study It is being funded equally by grants from the U S Department of Agriculture and the State of New Jersey

Meat Attachment

A new $100 meat cutting attached for Apollo Bandsaws is announced by Andre Industries, Inc, Box 1113, Bismark, N D 58501 to rapidly and accurately cut or slice fresh or frozen meat from any size animal The attachment can be placed on any Apollo Model MBS 500 Bandsaw in 10 minutes or less

New Resistant Lima

A new baby green-seeded bush lima bean variety resistant to downy mildew strains A and B has been developed, the U S Department of Agriculture reports.

USDA's Agricultural Research Service released the new Dover variety, which was developed in cooperation with the Delaware Agricultural Experiment Station, Wheatley Canning Company, and Seabrook Farms Company It is the result of 10 years of research to develop varieties superior to those now grown in plant characteristics, resistance to production hazards, and yield of high-quality crops that meet the needs of industry and consumers

DHIA MONTHLY REPORT

(Continued from Page 17)

Dale E Hiestand RH	32	34 0	95 5	49 9	3 9	1 96
John S Yost RH	28	31 4	96 7	45 9	4 2	1 94
John C Metzler RH	30	41 0	90 4	50 3	3 8	1 93
Joseph L Fisher R&GrH	31	30 7	95 9	52 4	3 7	1 93
Edwin K Wise RH	26	28 0	92 7	47 3	4 1	1 93
Amos B Lapp R&GrH	27	33 0	97 0	53 6	3 6	1 92
Albert E Fry RH	37	30 0	94 1	49 5	3 9	1 92
Samuel F Long R&GrH	30	39 4	96 4	51 3	3 7	1 90
Allan R Shoemaker R&GrH	32	35 0	96 7	47 2	4 0	1 89
Glenn C Hershey R&GrH	21	22 0	96 1	49 2	3 8	1 87
J Z Nolt RH	26	34 0	87 9	47 2	4 0	1 87

For Full Market Reports
Read Lancaster Farming

Text of Gerald Martin's Winning FFA Speech

Under the shadow of great wealth and prosperity, starvation moves across the land. The land is America Yes, America, the country in which more people suffer from overeating than from a lack of food, is headed toward widespread famine. America is about to join the other countries of the world which cannot successfully feed their populations

Another situation faces us America is the only country that has the knowledge and resources to fight famine

Food shortages hunger, and starvation have been here since the beginning of time, but only now does it threaten the whole world America is the only country which can thwart this threat and attain the goal of "a world without hunger"

Change must come Agricultural production must double triple, and even quadruple in some areas of the world The change must take place immediately, and the main ingredient of this change is agricultural research Granted, there is much research being done in every phase of agriculture today, but it is simply not enough The research must be intensified and increased to meet the needs of the world

Even though I am sure that agricultural research is the main thing that will diminish the threat of world hunger, it will take a great amount of money Where will the money be obtained for the extensive research that is necessary?

Agricultural research must be supported largely by the United States and foreign countries Other support must come from private investment. This includes interested businesses, cooperatives, organizations, and individuals These groups are very important to agricultural research

However it is most important that the money, once obtained is used wisely, and in areas where research is most needed

Agricultural research must be done in the areas that will bring the most food These include the areas of new food, food production, and land reform Once thought to be a great menace to American farmers synthetic foods must play an important role in feeding a hungry world

It is necessary that we produce foods high in protein and vitamins from uneatable materials such as algae and petroleum

We must also harvest the sea Today, ocean foods make up only one per cent of man's food intake We must find ways to raise and harvest sea foods, and to take full advantage of a food source so vital to the world

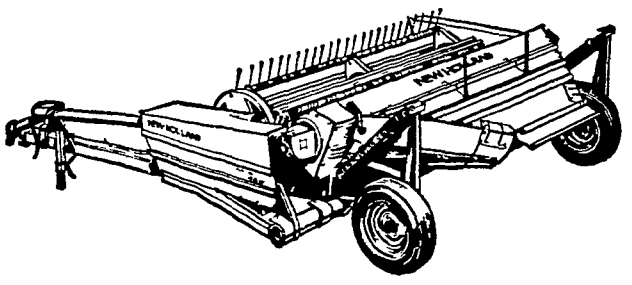
Agricultural research must also take giant strides in the area of food production Better and varied strains of crops must be developed to attain maximum production from the varied types of soils in the world

Also needed for maximum

(Continued on Page 31)

Some members of the Northern Lebanon FFA chapter display the trophy they won for first place at the regional FFA parliamentary procedure contest last week at Millersville. Left to right are. G. Lamar Bollinger, vice president; J. Ray Bickel, adult chapter advisor, and Jim Bragg, president. The team will compete in the state contest this summer.

A new non-stop mower-conditioner from the people who started it all.



Model 469 Haybine® mower-conditioner has 9-foot 3-inch cut and full-width, spiral rubber rolls. Keeps going when others plug! Two other models also available: 7-foot 3-inch pull-type and 9-foot 3-inch self-propelled.

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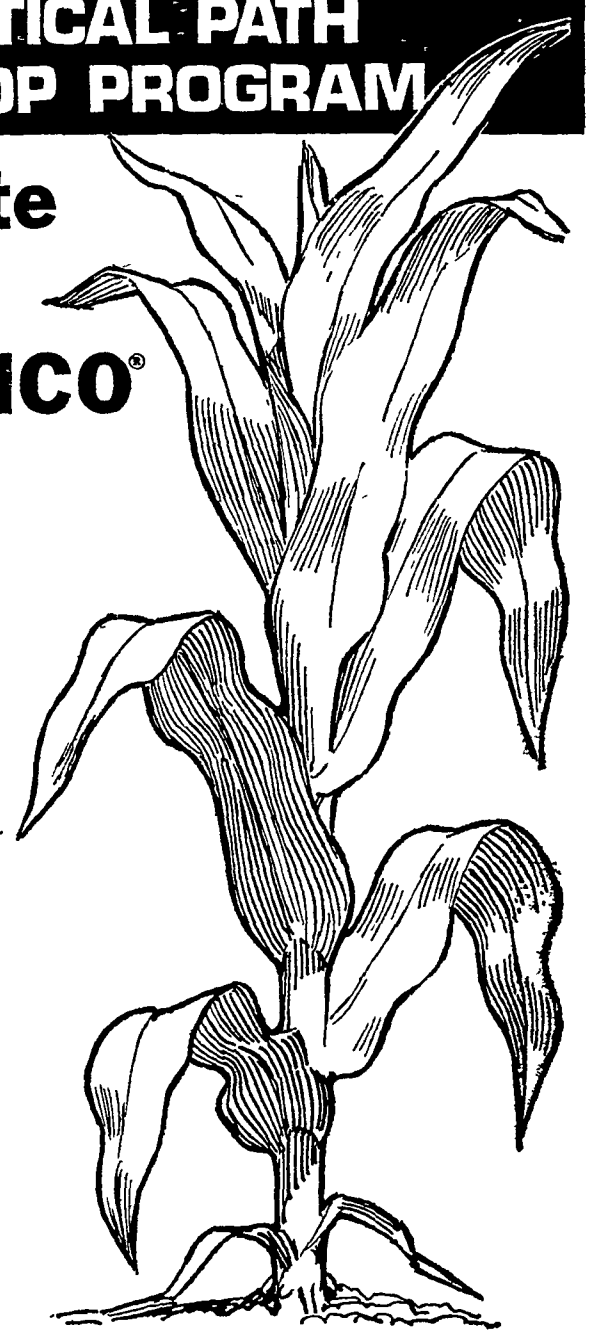
CRITICAL PATH CROP PROGRAM

Early or Late Your Corn Needs AGRICO® in the Row!



Kernel Grain

Early planted corn started with Agrico gets the fast early growth that adds extra bushels at harvest time. Agrico supplies water-soluble foods that are easily taken up by seedlings planted in the cool soils of the early planting season.

Late planted corn needs Agrico in the row to help it catch up. Agrico gives late corn the extra boost to overtake and crowd out weeds; to shade soil and conserve soil moisture.

Early or late, your corn will do better with Agrico for Corn. It's an important step along the Critical Path to Farm Profit. Order Agrico for Corn today from

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R D #1, New Holland

Red Rose Farm Service
Quarryville, Pa.

Powl's Feed Service
R D #2, Peach Bottom

O. Kenneth McCracken & Son
Manheim, Pa

Brown & Rea, Inc.
Atglen, Pa.

CONTROL INSECTS AND WEEDS WITH PESTICIDES FROM AGRICO

Land Lease Should Be Put in Writing

If you are renting land to farm, better make sure all the terms of your lease are covered in writing, recommends W T McAllister, extension agricultural economist at the University of Delaware.

Getting a lease down in writing is good business because it makes the landlord and tenant examine the responsibilities of each party. An understanding now before the crop is planted can prevent a serious argument or a substantial loss later, he explains.

It is also a good idea to bring lease agreements up to date, adds McAllister Many of the terms used in share-type leases are out of date today

In the past, a share lease may have said the landlord would receive one-quarter, one-third or one-half of the crop as payment This is no longer practical, points out McAllister

Today, it pays to work out an exact percentage for the distribution of the crop Depending on the crop, the landlord could receive 29 or 41 per cent, rather than one-third or one-half A five per cent difference on a 200-acre corn or soybean crop could be $100 to $200 in cash

Most farmers and landlords prefer leasing land for cash rent rather than a percentage share of the crop, notes McAllister In this way the landlord knows exactly what he will get and the farmer knows what his land will cost

Ephrata Young Farmers Grade Their Activities

There were 27 questionnaires returned and included in tabulating the results to be used in planning the 1970-71 adult farmer program and Ephrata Young Farmers activities, reports Charles Ackley, advisor

Several courses that rated high were corn production, animal nutrition, pesticides, forage production, farm buildings, and machinery reconditioning Monthly meeting topics that rated high were Woodward Tractor slides, tax management, tax developments animal health, Vo Tech School tour, liquid fertilizer, narrow corn rows insecticides, farm insurance, and wildlife & outdoor recreation

Summer tour places that rated high were Smithsonian Institute, Penn State University, and an automobile factory

The following is a brief summary of interests in the various other activities Thirteen persons said yes to take the tour to Walker Gordan dairy farms and and travel by charter bus

Twelve would like to go deep sea fishing Twenty-one signed up for the corn program, 7 for hay, 3 for the plowing contest, 5 for the tractor contest, and 4 for the PYFA summer picnic meeting

The following were accepted by an overwhelming majority — wives program, annual banquet, bowling party, meeting time 7 30 — 9 30 p m during winter, meeting time 8.00-10 00 p m during the busy seasons

There was very little interest in helping to conduct the EAY-FA activities, trap shoot and rural leadership training course, Ackley said

State Plowing Contest Scheduled August 26

Milton Hershey Farms, Hershey, has been selected as the site for the 1970 State Plowing Contest, according to Charles Slaton, contest chairman

Slaton, a member of the U S Soil Conservation Service staff, Harrisburg, said, "Pennsylvania plowmen will compete for state honors on August 26 on Farm 6B of the Milton Hershey Farms complex The matches will be held as part of Pennsylvania Dutch Days which runs August 25 30"

Hershey was host for the 1968 State and National Plowing Contests in which 62 plowmen vyed for awards

Contest Director Burton S Horne, Penn State Extension agricultural engineer, pointed out that plowmen will be eligible to enter in three divisions this year These are small plow large plow, and contour Contestants must be declared winners of county eliminations prior to entering state competition

"The contest will get underway at 10 a m on August 26. Horne said "Registration and practice plowing will be held on August 25 and 26 Winners of this year's division will earn the right to compete in the National Plowing Contest to be held in Ohio this September"

Starting this year, contestants who win a state title will not be eligible to compete again in that division but may compete in the other two divisions, the chairman emphasized This ruling is intended to enable contestants to compete for a "triple crown"

Plans are being developed to hold a statewide Conservation Queen Contest with official crowning scheduled at the plowing matches

Eastern says:

MILK-MARKETING DOORS MUST BE KEPT OPEN!

The dairy farmer can afford to see milk-marketing doors close like he can afford an extended plague of garget.

Back in the 'Teens and Twenties, handlers closed their doors deliberately, but with full intent of opening them again after farmers had seen 'the light of reason.'

Today, many of the dairy farmers' market outlets are in danger of being *forced* to close up—with very little hope of taking the lock off, ever again. And when the number of handlers shrinks to a handful, Monopoly moves in: Even the pretense of competition is dead.

Do you want this to happen by default? Or would you rather fight? And don't think it won't take courage.

Now, more than ever, it takes *cooperative courage*—the do-something-about-it kind made possible by interaction in a membership of nearly 10,000 dairy farmers of Eastern Milk Producers.

In Eastern, 'doing something about it' means defending the farmer's market for milk. It means increasing his share in over-all milk profits. It means active promotion of milk and milk products. It means helping the farmer when he's 'locked in' by quarantine or bad weather. And much more.

It's the foundation for *cooperative courage*. To participate in Eastern's fight to keep milk-marketing doors open—and in all other benefits—call your local Eastern representative right now. Or write:

June is dairy Month

EASTERN MILK PRODUCERS COOPERATIVE ASSOCIATION, INC.
Kinne Road, Syracuse, New York 13214

MONEY-MAKER MANY WAYS

An All-around summer forage crop that can make you money in many ways. Sudax Brand hybrids can provide generous amounts of nutritious forage. In a cash crop rotation, it's a great cover and plow-down crop. You need DeKalb *Sudax Brand on your farm!*

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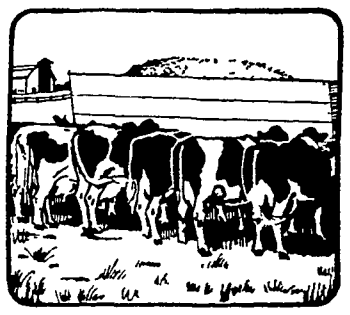
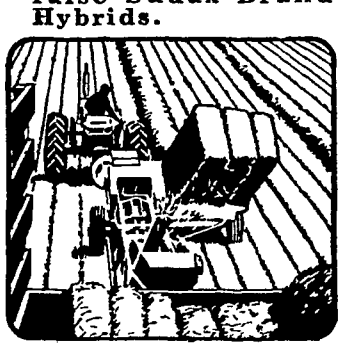


Sudax Brand greenchop is superior for tonnage, taste-appeal and feed value.



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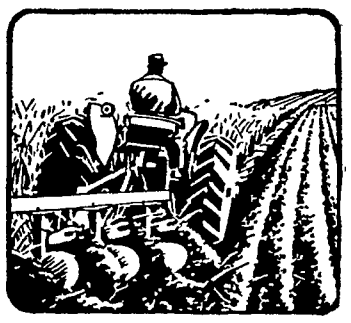

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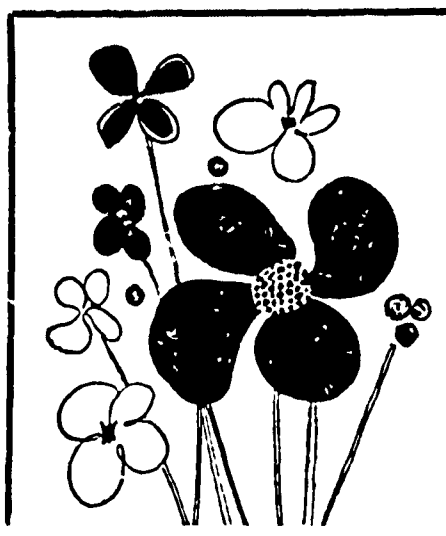

FOR THE
FARM WIFE AND FAMILY

Breakfast Breads

By Mrs. Richard C. Spence

Some mornings the weather looks forbidding and your family needs some extra energy for "lift-off" A hearty breakfast built around Baked French Toast is the way to start such a day Day-old bread halves are coated first in an egg mixture, then in crushed corn flakes During baking, the corn flake crumbs become more crisp and golden brown Serve with warm maple syrup, jelly or honey Serve bacon and a favorite beverage as an accompaniment You might also use this as a quick-to-fix luncheon dish topped with hot cinnamon applesauce

Bacon strips, fruit or fruit juice

BAKED FRENCH TOAST

- 4 cups corn flakes or 1 cup packaged corn flake crumbs
- 2 eggs, well-beaten
- ½ cup milk
- ½ teaspoon salt
- ½ teaspoon vanilla flavoring
- 6 slices day-old bread, cut in halves
- ¼ cup regular margarine or butter, melted

If using corn flakes, crush into fine crumbs Set aside Combine eggs, milk, salt and vanilla in shallow dish or pan Dip bread in egg mixture turning once and allowing time for both sides to absorb liquid Coat evenly with corn flake crumbs and place in single layer on well-greased baking sheet Drizzle with margarine Bake in hot oven (450 degrees) about 10 minutes or until browned Serve with warm maple syrup, jelly or honey Makes 4 servings

MANY SPLENDORED PANCAKES

- ½ cup 100% bran
- ½ cup pancake mix
- ⅔ cup milk
- 1 egg
- 1 tablespoon salad oil

Combine all ingredients until blended let stand about 5 minutes Cook on lightly greased griddle, browning on both sides Serve, stacked, with one of the following

1 Top with cottage cheese, spoon on canned apricot halves with syrup

2 Top with fried bacon curls, sausage links and halved grapes, pour on maple syrup

3 Heat a small can of spaghetti sauce with meat or mushrooms, spoon over pancakes; top with a small slice of process American cheese and a parsley sprig

Makes about 10 pancakes Leftover pancakes may be frozen and reheated

PEANUT BUTTER BREAD

- 1¾ cup flour
- ⅓ cup sugar
- 1 tablespoon baking powder
- 1 teaspoon salt
- 1 cup peanut butter
- 2 eggs
- 1¼ cups milk

Mix flour, sugar, baking powder and salt in a large bowl Mix in peanut butter with a fork until crumbly Beat eggs slightly and add milk Add milk mixture to flour mixture Stir just enough to mix Half fill a greased loaf pan Bake at 350 degrees about 1 hour.

CINNAMON RAISIN BRUNCH BREAD

- 1 cup sifted regular all-purpose flour
- 2½ teaspoons baking powder
- ½ teaspoon salt
- 1 teaspoon cinnamon
- 1 cup whole bran cereal
- ¼ cup milk
- ½ cup soft shortening
- ½ cup sugar
- 2 eggs
- ½ cup chopped nuts
- 2 tablespoons sugar
- ¼ teaspoon cinnamon

Sift together flour, baking powder, salt and cinnamon Set aside Combine cereal and milk, let stand until most of moisture is absorbed Measure shortening, sugar and eggs into mixing bowl; beat until light and fluffy Stir in cereal mixture, raisins and nuts Add sifted dry ingredients to cereal mixture, stirring until combined Spread in greased 9-inch layer cake pan Mix sugar and cinnamon, sprinkle evenly over brunch bread Bake in moderate oven (375 degrees) about 30 minutes or until lightly browned Serve warm, cut in wedges

NOTE 1 cup whole bran cereal with wheat germ or 2 cups bran flakes may be substituted for whole bran cereal, if desired

ORANGE BANANA BREAD

- 1 medium orange, unpeeled
- 1 small banana (6 inches long)
- ½ cup nonfat milk

(Continued on Page 27)

Stable this frisky little pony in your child's nursery. He is always ready for an easy trot around the playpen. The toy is quick to knit of worsted yarn. His loopy mane and braided tail are made of cotton thread. You will need felt scraps for ears and eyes The pony stands about 10 inches high. Free instructions are available by sending a self-addressed, stamped envelope to the Needlework Editor of this newspaper along with your request for Leaflet PK 3035.

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Prune Your Rose Bushes

If you haven't already done so now is the time to prune your rose bushes says Dr L P s at Gouin horticulturist at the University of Maryland

You will find that your rose bushes will produce more and better flowers if you take out all the thin twiggy branches, Dr Gouin continues.

After you remove the weak branches, cut the large canes back to six or eight inches above the graft union "The graft union is that bulb like structure from which the large canes emerge," he explains Any branches coming out below this union should be removed because they are from the rootstock and will not produce flowers like the grafted branches

Be sure to burn any branches you cut off, Dr Gouin says This will kill any disease organisms or insect eggs that might have overwintered inside the canes

As soon as you have finished pruning, paint the end of each cut branch with tree wound dressing to keep insects from laying eggs in the soft center of the canes

Fertilizing the plants immediately after pruning will also help the plant give you bigger and better flowers this spring, Dr Gouin adds.

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Farm Women Societies

Society 2

At the Society of Farm Women 22 Mother Daughter Banquet at the Willow Valley Restaurant recently, the Treble Tones from the Marietta Congregational Church presented a program

The Society will be entertained by Society 15 at 1 30 p m June 18 at Black Rock Retreat

The next monthly meeting will be held June 9 in the home of Mrs Lloyd Herr, Lancaster RD6, with Mrs Paul Miller as co-hostess Mrs Richard Forrey, a member of the Society, will show pictures of her trip to Puerto Rico

Society 22

Society of Farm Women 2 met in the home of Mrs Abner Landt Manheim RD3

During the business meeting, conducted by Mrs Andrew Low, president, a donation was given to the American Cancer Society

Two scholarships were awarded to two students from Manheim Central High School One went to a boy in agriculture and one award was given to a girl in home economics

A letter was received from the Korean girl the group is supporting Mrs Anna Foellner, Manheim, was the program speaker Her topic was "The Challenge of Motherhood" Refreshments were served at the conclusion of the meeting

Services Hike Food Bill

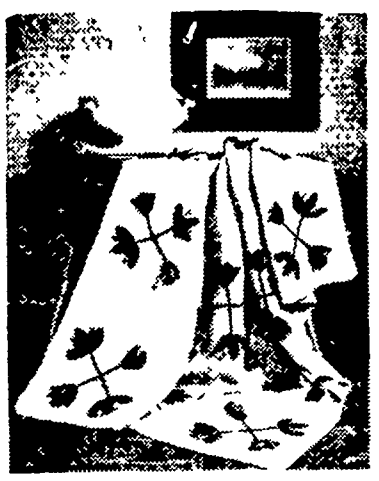
Rising incomes are making it possible for many American consumers to buy more food services although such services increase the food bill

Prices for food away from home have increased more than food served at home, according to a U S. Department of Agriculture report

By December, 1969, prices for restaurant meals were 50 per cent higher than in the 1957-59 period.

Try A Classified Ad

It Pays!



The afghan is a garden. Can you identify the liliaceous plant blooming here. You don't have to be a botanist to enjoy pretty crocheted tulip appliques. The afghan is made in separate squares, working worsted yarn in the double crochet stitch. Finished with a border all around, the afghan measures 50\68 inches. Free instructions are available by sending a self-addressed, stamped envelope to the Needlework Editor of this newspaper along with your request for Leaflet B-250.

Ladies, Have You Heard? . . .

By Doris Thomas, Extension Home Economist

Keep All Food Clean

Don't buy torn or damaged packages when shopping

Wrap products correctly for storage -- loosely for refrigerator storage and tightly for the freezer

Clean your kitchen thoroughly and often dismantling all equipment that comes apart

Thoroughly sanitize all equipment that has been used for handling raw meat or poultry before using the same equipment for handling other foods or cooked meat or poultry

Wash your hands often

THOMAS

About Pork Cuts

Pork shoulder cuts are usually in less demand because they're more plentiful than such hindquarter cuts as hams and loins Therefore, they're usually lower priced One of the less familiar cuts of pork, the Boston Butt, can offer real economy to budget-minded consumers

The Boston Butt is a square or triangular piece cut from the upper half of the shoulder of pork The fat is well distributed through the lean There is a small bone which can be easily removed Slices can be cut from the bone-end to make tender steaks

The shoulder picnic is sold bone-in or boneless and rolled It is the lower part of the shoulder and front leg It has a higher proportion of skin and bone to lean meat than the Boston Butt

Fresh ham or the leg is another less known cut of pork, but a fine choice for a large family It is delicate in texture and not too fat You can cook a fresh ham by any of the methods suitable for a pork loin roast or for a roast suckling pig Allow one-fourth to one half pound boned for each serving, one-third to one half pound for each bone-in serving

Cooking Fresh Pork

Roast pork at 325 degrees to 350 degrees until the meat thermometer registers 170 degrees

Roast hams, shoulder cuts, until the meat thermometer registers 170 degrees for the boneless cuts and 185 degrees for the bone-in cuts

Steaks, porklets, and patties are usually cooked by braising or panfrying although steaks are popular for outdoor broiling or grilling

You can broil, grill or braise chops

Cook chops and steaks at a moderate temperature so that they are well done in the center but aren't dry on the surface

To cook sausage links or patties place them in a cold frying pan, add two to four tablespoons of water, cover tightly and cook slowly five to eight minutes, depending on size and thickness Pour off the drippings and cook uncovered until browned

Help Us Serve You

Is your farm organization's meetings making our farm calendar? If they're not and you think they should, let us know.

As a public service to farmers and the farm community, we try to get as many meetings as we can on the calendar But we miss some.

Remind us by calling 394-3047 or 626 2191 or by writing to Lancaster Farming, 22 E Main St, Lititz, Pa 17543. You can help us serve you better.

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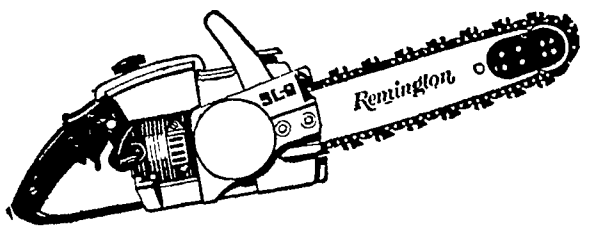

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Correspondence Courses

Beekeeping Course

The annual Beekeeping Short Course will be held on the main campus of Pennsylvania State University from August 10 14 .970

Practical beekeeping is taught by lecture and by actual work with bees in the University bee yards, and with equipment in the laboratory One half of each day is devoted to lectures on the theory of beekeeping, and the other half to the practical application of bee management Slides and motion pictures are shown during evening sessions and as part of some lectures

The course is planned to help beekeepers increase their income and provide a larger pollination service for farmers and vegetable gardeners

Subjects to be covered include spring management and swarm control for comb and extracted honey production, methods of wintering bees introduction of package bees, control of diseases and enemies of the honeybee, extracting and bottling of honey, queen rearing requeening, fall management, marketing of honey and care of bees for pollination of fruit and other crops

University residence hall rooms are available

Any individuals 16 years of age or older are eligible to attend the course The registration fee is $10 for Pennsylvanians and $15 for non-Pennsylvanians

A daily schedule and application blank can be secured from the Agricultural Extension Office or the Director of Short Courses, Room 208 Armsby Building, College of Agriculture Pennsylvania State University, University Park, Pennsylvania 16802

Community Planning

What does community planning mean to the average citizen? Is it zoning? Is it locating streets and highways? Or is is the development of parks and playgrounds?

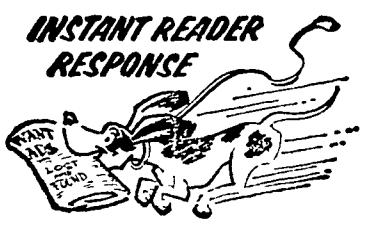
According to a Pennsylvania State University correspondence course on community planning, every aspect of local government is concerned with the subject. Planning is broader But it is essential for effective local government

The community planning course is one of a series of short public affairs for elected township and borough officials and interested citizens in Pennsylvania Its purpose is to help community leaders achieve desired objectives

Without planning a municipality finds itself constantly grappling with one crisis after another Trying to solve community problems on a piecemeal basis

The course is available to anyone It comes to you complete in booklet form in a single mailing There are no educational prerequisites Exams are optional

Send your name and address with $5 50 to Community Planning, Box 5000, University Park, Pa 16802 Make checks payable to Penn State There are no other charges



Farm Costs Rise, Return Drops

Both the average farm income and average cost of farm operation is now four per cent above a year ago, according to the USDA Crop Reporting Board

The trend recently, however, has been unfavorable for farmers Costs have been rising while return for farm products has been declining

The Index of Prices Received by Farmers dropped 8 points (3 per cent) during the month ended April 15 to 281 per cent of its 1910 14 average, according to the Crop Reporting Board

This was the lowest index since October 1969

Contributing most to the decrease were price declines for hogs, eggs, cattle, and oranges Higher prices for cotton and wheat were partially off setting

The index was 4 per cent above April, 1969 The Index of Prices Paid by Farmers for Commodities and Services, Including Interest, Taxes, and Farm Wage Rates increased 3 points (¾ per cent), to 388, a record high During the past 12 months, the index advanced 15 points (4 per cent)

With prices of farm products declining, and prices paid by farmers rising, the preliminary Adjusted Parity Ratio decreased to 78 and the Parity Ratio to 72

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We may have missed it in the rush. Or maybe you forgot to tell us.

Either way, we'd like to extend our farm community service to you.

To get on the Farm Calendar, remind us by calling 394 3047 or 626-2191 or by writing to Lancaster Farming, 22 E Main St, Lititz, Pa. 17543. And help us serve you better.

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Purina Dairy Conditioner Special can prepare cows for good production at low cost

If you're not among the many good local dairymen who have started mixing Purina Dairy Conditioner Special with your own grain to build a research-proved dry cow ration, it can pay you to check into this low-cost way of feeding dry cows.

Purina Dairy Conditioner is a 16 percent protein ration, fortified with extra Vitamins A and D plus phosphorus to help guard against milk fever.

To help you save on dry cow feeding, Purina Research recommends varying feeding levels, depending on cow condition and the quality of your roughages For example, if a cow is in good condition and your roughages are of excellent quality, you would feed less Purina dry cow ration than if the cow were in only fair condition and if the roughages were of only fair quality

Using Purina Check-R-Mix* formulas we can build you a low-cost dry cow ration, combining Purina Dairy Conditioner with your grain. Or, if you're feeding low-protein roughages, it may pay you to feed Dairy Conditioner "straight" — just as it comes from the bag.

More and more successful area dairymen are proving that good dry cow feeding pays off in extra cow condition — and extra milk production in the next lactation For example, 100 to 200 pounds of additional body weight at freshening can pay off in 1,000 to 2,000 pounds of extra milk during the lactation.

Drop in soon and get your free copy of the Purina Dry Cow Program folder. We'll be glad to point out how Purina Dairy Conditioner Special can help prepare your dry cows for good production at low cost

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PURINA CHOWS

Charolais Breeders to Consider How Size-Profit Go Together

How far does increasing size go hand-in-hand with increasing profits of beef cattle"

This question and many others of vital importance to Charolais breeders will be answered at an industry wide Beef Cattle Size and Profit Conference June 19 20 at the University of Wisconsin at Madison

Sponsored jointly by the University and the American-International Charolais Assn. the conference will report the second year's results of a continuing study by the University delving into the animal size-efficiency-profitability relationship.

"A year ago, when the first phase of this four-year study was completed on another breed, the results astounded many persons within that breed and caused the breed to change what it considered it's ideal type," explained William Durfey, performance and research director of AICA. "The change was to the longer, taller and heavier animal, more similar to the Charolais type."

"In that study, the larger animals were shown to be the most profitable, and we believe results of this current project will disclose even more information that will lend support to the profitability of our larger, faster-growing animals," he added

State Is Scabies Free

State Agriculture Secretary Leland H Bull said recently that the U S Department of Agriculture has designated Pennsylvania free of sheep scabies

Secretary Bull said the action was taken by the USDA following the elimination of scabies mites in infected flocks in Chester, Dauphin, Franklin, Juniata, Lancaster, Lehigh and Mifflin counties

Pennsylvania, previously declared scabies free, was removed from that category in 1968 when scabies mites were found in the seven counties

Mites attack the skin of the sheep causing itching, loss of wool and weight If the disease is not treated, sheep may die

Ag Honor Group Takes Area Man

Rodney C Welch, 415 S Cedar St, Lititz, vice president, Wilbur Chocolate Company, Lititz, was inducted into Gamma Sigma Delta society, the national honor society of agriculture, recently at the Penn State University chapter's annual meeting

Samuel S Cobb, director of the Bureau of Forestry, Pennsylvania Department of Forests and Waters, Harrisburg, was also inducted, along with two Penn State faculty members, 19 undergraduates and 18 graduate students

"Alumni are chosen for membership by virtue of outstanding attainment in agricultural pursuits and have demonstrated a worthiness of this honor," said Dr Glenn O Bressler, Penn State professor of poultry science, society president

Faculty eligibility is based on noteworthy accomplishments in teaching, research, and service in the agricultural field, Bressler pointed out Students are selected for their scholastic records and outstanding personal qualities

Six Regional Meetings Are Set on Hog Cholera

"Closing in on Hog Cholera" is the theme of six regional meetings on hog cholera eradication to be held in late May and early June, the U S Department of Agriculture announced recently

The meetings are co sponsored by Livestock Conservation, Inc (LCI) — an organization representing the livestock industry — the National Pork Producers Council and affiliated State pork producers organizations and the Animal Health Division of USDA's Agricultural Research Service Afternoon sessions, from 1 to 5 p m, are scheduled as follows May 20, Chicago, June 3, Omaha June 4 San Francisco, June 9, Dallas June 10, Atlanta, and June 11 Boston.

Dr E E Saulmon, Director of the ARS Animal Health Division, points out that the hog cholera eradication program has reached a critical stage "Incidence of the disease is low The hog population is increasingly susceptible to hog cholera Now is the time to apply the knock out blow," he says

"These regional meetings are designed so we can get together with the swine industry to examine the problems still facing us and see what we can do to solve them"

Topics to be discussed at the meetings are (1) providing State indemnity funds for emergency situations, (2) making quarantines fore effective, (3) problems connected with garbage feeding and ending salvage, and (4) the "Voluntary Isolation Plan" (VIP) for swine herd health

"We have enjoyed excellent cooperation between industry and government in our attack on hog cholera, says Dr Saulmon "This continued cooperation and dedicated effort on the part of all concerned is essential to the success of the eradication program"

Currently, all but three States — Arizona Maine, and New York — are in the final stamping out" phases of the eradication program This involves prompt and complete disposal of all infected herds with indemnities to help reimburse farmers for their losses Thirteen States have been officially declared "hog cholera free"

May Is Beef Month

Five states are celebrating "May Is Beef Month" Illinois, Iowa, Kansas, Missouri Nebraska And Louisiana just wound up Beef Week, May 3-9

The emphasis is on the importance of beef to both human and economic health The promotion is a joint effort of beef producers, state officials and educational institutions in cooperation with marketing, processing and retailing segments of the livestock and meat industry in participating states

The Beef Industry Council provides promotion materials for food stores, restaurants, press, radio, and TV

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Hardin Says Food Is Good Buy

(Continued from Page 19)

group that the Food Stamp Program is scheduled to be introduced in New York City, tentatively early in September.

"This will be the largest food stamp program in the Nation," he said, "and one we will watch with keen interest The Department is working with keen interest The Department is working with State and local officials to complete operating arrangements"

He suggested that Association members from the New York area find out from city officials what they might do to help get the program started

He cited the "tremendous amount" of information work necessary to make sure all those eligible are aware of the program, understand it, know how to enroll, and then do it

"May 6 is the first anniversary of President Nixon's message on Hunger to the Congress, a call for ending poverty-caused hunger in the United States for all time," the Secretary said "The gains have been very dramatic in this one year but there is much to be done, and it will take the best from private citizens as well as government to finish the job"

He said the revised program's potential for helping the needy in large cities is indicated by recent experience in Chicago, which has just begun its fifth year of operation

Secretary Hardin pointed out that the new schedule of payment and bonuses was put into effect in Cook County (Chicago) at the beginning of March During that first month of operation, 206 000 people took part in the Food Stamp program That was a 65 per cent increase (81,000 added persons) over the number taking part in February

"The results are even more meaningful even more dramatic When you look at them from the standpoint of the poor and appreciate the substantial amount of extra food buying power that has been given to them The bonus payments' in extra food coupons paid in Chicago totaled over $1 9 million for the month of March — compared to $647,000 for the previous month.

"The improvements in the Food Stamp Program, therefore, actually tripled the amount of bonus paid to the poor actually put three times as much extra food buying power into their hands, as they had had under the previous payment schedule"

Doctors Find Diet-Heart Disease Relationship Still Not Proven

"Most egg producers get steamed up about cholesterol only when they read an adverse report or when a friend is placed on an egg-restricted diet Perhaps they should read the Diet-Heart Review Panel report published by the American Heart Association," advises Dr L A Wilhelm, PENB president.

The panel, headed by Dr. Edward H Ahrens, Jr, of Rockefeller University, is made up of 34 prominent MD's, Ph D's and other recognized experts in the field of diet and heart disease.

After inspecting "all available evidence" on the proposition that the incidence of coronary heart disease might be reduced through dietary measures, the Panel found "this evidence most suggestive but not convincing."

The panel also notes that in connection with various reports addressed to the question of whether a diet rich in cholesterol and saturated fats may be inducive to heart disease . . . "various national organizations have felt compelled to issue what is regarded as prudent dietary advice about fats and cholesterol to the public, and similar product advice may already have become a part of the current medical practice in relation to arteriosclerosis and heart attacks.

Nevertheless, it is the Panel's opinion that the important points at issue remain unproven. It is not proven that dietary modification can prevent arteriosclerotic heart disease in man."

"The egg man who really tries to understand the problem of cholesterol-heart-physician might be well advised to procure a copy of American Heart Association monograph #28 Send $4 00 to 44 E. 23rd St., New York, New York 10010," concluded Dr. Wilhelm.

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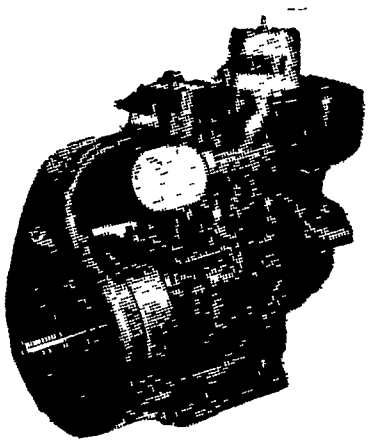

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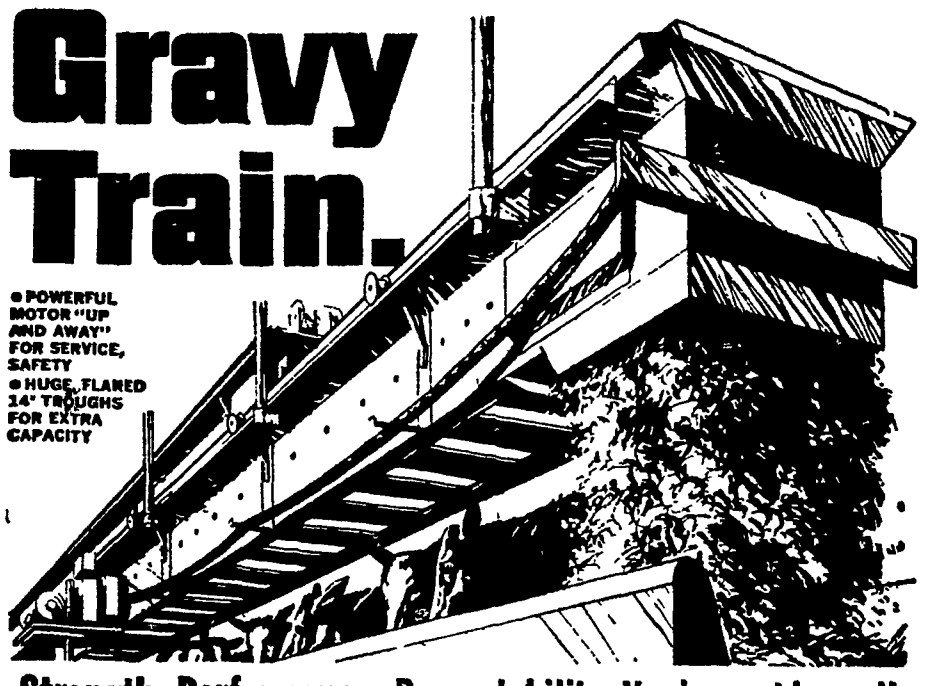

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Feeder trough chain is No. 67 pintle (12,500 lb. strength) and drive chain is C-550 steel (average top strength of 10,000 lbs.). Interlocking, snap-together galvanized metal components reduce erection time as much as 50%. Suspended or floor-mounted, rails are mounted with Van Dale's exclusive clip-on brackets to provide extra-rigid support. Unit adapts to any feeding need in-barn or out-of-doors.

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Drumore Center
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Phone 548-2116

VAN DALE

● For The Farm Wife

(Continued from Page 22)

1 tablespoon melted butter or margarine
2 cups sifted flour
⅔ cup sugar
2 teaspoons baking powder
1 teaspoon soda
½ teaspoon salt
2 egg whites

Trim and discard thin slice from both ends of orange, cut in half lengthwise With a shallow "V" shaped cut, remove white center core Cut into chunks Whirl in covered electric blender to yield ⅔ cup puree (Or put through food grinder) Slice banana into puree mixture, whirl in blender until banana is thoroughly mashed In large mixing bowl, stir together milk and melted butter Sift together dry ingredients; add to milk all at once along with orange and banana puree Stir until batter is thoroughly blended In small mixer bowl, beat egg whites until stiff, but not dry. Stir and partially fold beaten whites thoroughly into batter, do not underblend Pour into greased 9x5x3 inch loaf pan; bake at 325 degrees for 55 to 60 minutes, or until done Let stand in pan 5 minutes before turning out onto wire rack for complete cooling Loaf will cut into 22 slices about ¼ inch thick (75 calories per slice)

DATE-GRAHAM GEMS

¼ cup shortening
¼ cup light brown sugar, firmly packed
1 egg
1 cup sifted all-purpose flour
4 teaspoons baking powder
½ teaspoon salt
⅛ teaspoon ground mace
1 cup graham cracker crumbs
⅔ cup milk
¾ cup pitted dates, snipped

Beat shortening and sugar until creamy, add egg and beat until light and fluffy Sift together next four ingredients, stir in graham cracker crumbs Add alternately with milk to shortening mixture Stir in dates Divide into 12 greased muffin pan cups Bake in preheated moderate oven (375 degrees) 25 to 30 minutes or until done Serve warm

New Rail Rate Hikes Not Justified, Says Council

Declaring that railroads have failed to prove their need for another round of freight rate increases, the National Council of Farmer Cooperatives asked the Interstate Commerce Commission to deny the request for a 6 per cent rate boost

"The new increase asked by the railroads would add up to a total hike of 23 per cent since 1967," said the Council's Don Graham "That's not a response to inflation, but rather a cause of inflation"

Graham pointed out that farmers are the greatst victims of rising rail rates, since their freight bill runs into billions of dollars annually Further, such increases result in higher prices for the goods farmers must buy.

The Council statement was filed with ICC as a formal statement in advance of hearings scheduled this month. Earlier, the Council urged member cooperatives to file statements outlining specific examples of how the proposed increases would affect farmer-owned businesses

The Council asked ICC to conduct its own investigation of railroad financing, rather than rely on figures submitted by the lines themselves It further requested ICC to probe the "actual ownership of the American railroads" to determine whether interlocking ownerships and directorates exist which would work to the disadvantage of shippers

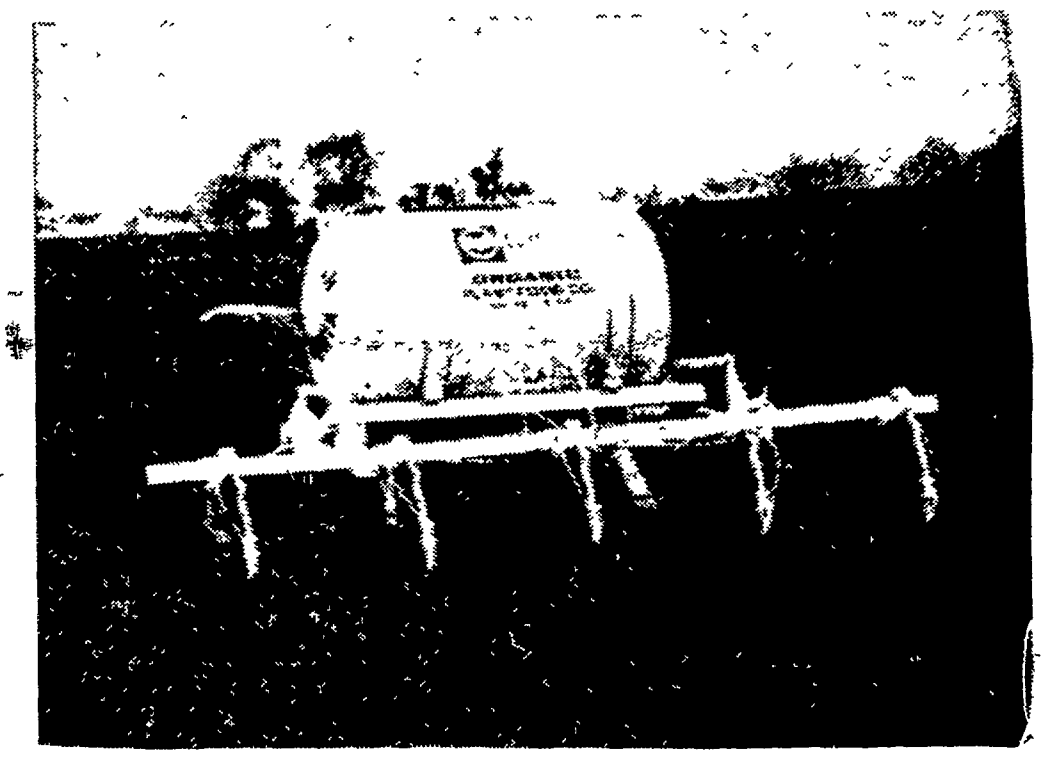
"When carriers are owned by a conglomerate, which in turn may be owned and controlled by 'street names' and 'Swiss bank accounts' the Commission has no assurance that railroad revenue will not be siphoned off to other enterprises which the real owners feel might be more lucrative than railroading," the Council declared

Dairy Contest Winner

Cordelia Shindler of Lancaster was a member of the first place calf dressing team at the 45th Dairy Exposition recently at Pennsylvania State University

Also on the team was Carol Rossow of Pittsburgh The calf-dressing contest was part of the fitting and showing contest

GROWING CORN IN '70?



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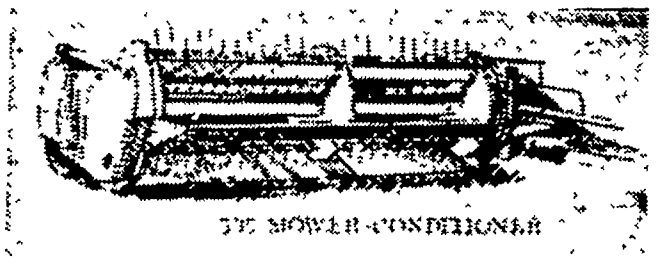

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Our free stall partition may be mounted on wooden head boards or we make a steel divider Set the legs in 8 to 10" concrete curbs to hold and retain bedding. Stall floor can be soil, sand or gravel. Bedding — straw, sawdust, peanut hulls, ground corn cobs, etc. Should be installed with paved alley surface 8 feet wide for mechanical cleaning or washing.

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Delaware Farm Pushes for Efficient Land, Labor Use

Today's farming operations require top management know-how and an efficient production program Bill Haas Jr., of Middletown, Delaware, has made maximum use of these two ingredients in developing one of the top vegetable enterprises in the state

Farming in partnership with his father, F W Haas Sr., the 34 year old farmer produces more than 500 acres of vegetables for processing The crops include 200 acres of peas 200 acres of lima beans 60 acres of tomatoes, 45 acres of asparagus and 20 acres of cucumbers

From planting to harvest the five crop vegetable program promotes the most efficient use of land and labor

We start out cutting asparagus and planting peas in April," explains Haas After the peas are in then we have to plant tomatoes and cucumbers and get ready to harvest the peas

Once the peas are finished, we plant lima beans and by the time the crop is in tomatoes are ready to be harvested" he points out Thus we keep our help busy throughout the growing season there is no slack period during which labor can become dissatisfied"

Although he has not experienced many problems in obtaining labor to handle his crop production, Haas feels farmers will have to mechanize their operations to stay in business

The rising costs of farm labor is a serious problem in agriculture Wages paid farm labor plus the costs of other benefits continue to increase each year," he says

"It won't be long before we are forced to phase migrant labor out of the American farming picture As long as farmers are expected to produce everything at the very minimum cost, we will have to continue to reduce our costs Replacing labor with more machines is one way to accomplish this"

Haas has planted some direct seeded tomatoes this year to determine whether or not once over mechanical harvesting of tomatoes is profitable He notes that "many New Jersey growers are harvesting tomatoes mechanically, and I think we will have to go this route on the Peninsula before long"

One of the most serious problems associated with mechanical harvesting of tomatoes in the past is that not enough fruit would mature at one time to obtain a profitable return Haas hopes this can be corrected with a new planting technique

Using a planter owned by Campbell Soup Company, his direct seeded tomatoes were planted on eight-inch spacings in five foot rows Instead of dropping one seed per hill the planter released from four to six seeds When the plants begin to compete for moisture and nutrients growth will be slowed due to the crowded conditions and the plants will only produce one set of fruit rather than three or four as is the case with transplanted tomatoes

But Haas points out that a field of tomatoes planted in clusters of four to six plants per hill should produce a higher total yield from one setting than a similar field planted in the conventional manner More importantly if nearly all of the fruit matures at one time growers can use mechanical harvesters with only a small per cent of the crop being left in the field as green fruit

Efforts to improve his farming operation have not been limited to work with tomatoes

Lancaster Farming presents this account from the University of Delaware of an efficient farm operation in Middletown, Delaware

While some of the particular crops may not have any particular application here, most farmers in this area, we think, will appreciate the sound thinking and management practices which underlie the Haas operation

Each phase of Haas' total farm program receives careful attention to assure the highest returns

To help obtain optimum yields from his plantings, Haas has the University of Delaware run complete soil analysis on his fields The tests are then used to determine the recommended rates of lime and fertilizers needed for each crop

This grower also rotates his crops on a regular basis to maintain good soil structure And as soon as the last crop is taken off, he protects his land by planting a cover crop of rye or grass over the winter.

Irrigation also plays an important role in Haas' vegetable production He uses portable laterals to irrigate from three wells and a farm pond at the rate of 850 to 900 gallons per minute

"Although it takes more labor to handle the lateral move irrigation system, we prefer it for vegetable crops," says Haas "You get more uniform coverage with the portable unit than with the big volume guns And the smaller nozzles on the line result in less compaction of the ground."

A sound management program has paid off in high yields for this grower. Haas consistently produces one of the highest yielding crops of lima beans in Delaware Last year's crop averaged 2,700 pounds per acre Peas average around 2½ tons per acre, with a few fields hitting the three-ton mark.

Last year, asparagus yielded between 2,300 and 2,400 pounds per acre and cucumbers from 300 to 400 bushels per acre Heavy rains at harvest resulted in substantial reductions in the tomato crop, but Haas still averaged better than 11 tons per acre

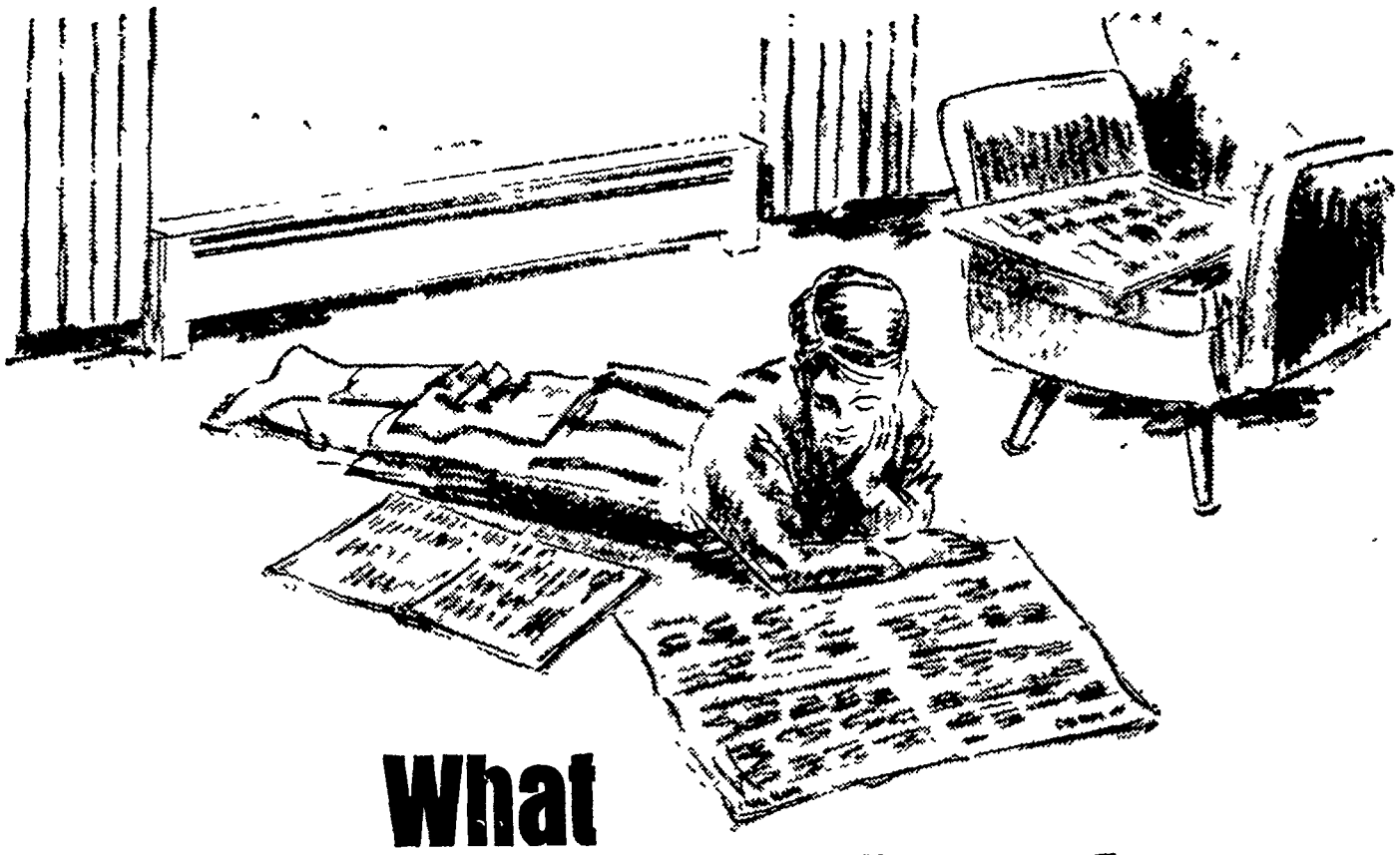
The Haas operation is not limited to vegetable production Turkeys have been an important part of the business for nearly 20 years. Close to 22,000 birds a year are marketed from this phase of the farm program.

Although approximately 5,000 birds are processed on the farm and marketed in Delaware during Christmas and Easter, most of the turkeys are sold to a processor in New York.

To house these birds, Haas has two 300 x 48-foot buildings with capacity for 6,000 birds each, and a smaller 300 x 24-foot unit for another 5,000 turkeys. Two full-time employees feed the birds and keep the units clean.

Haas says early detection of health problems is the key to producing efficient gains with turkeys. "This is why we still feed our birds by hand," he explains.

(Continued on Page 30)



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Sprague to Discuss Poultry Housing

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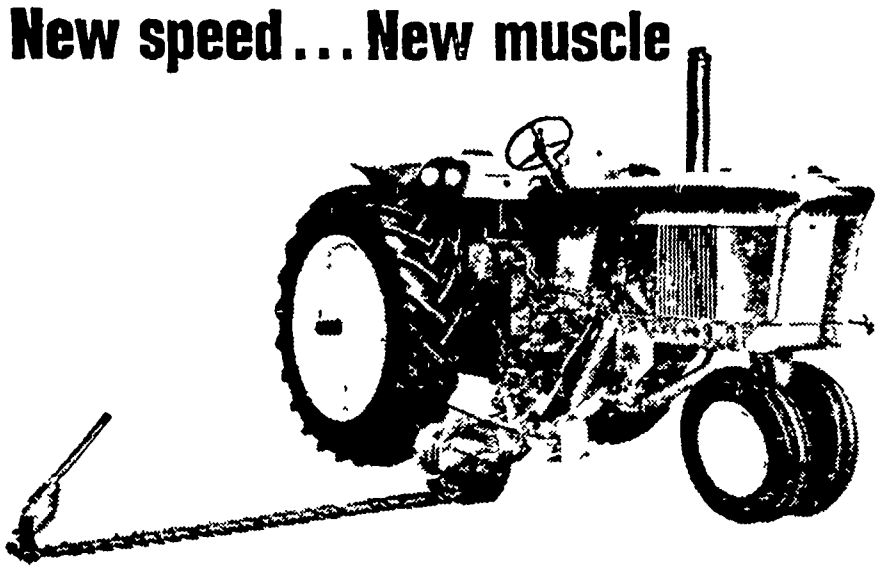

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In addition to Dr. Seibert of the USDA, who will discuss Legislation and Regulatory Developments, and Tom Reese, vice president of Ralston-Purina, the Pennsylvania Poultry Federation for its annual meeting June 24 has secured David Sprague an Ag engineer who will discuss poultry housing.

Sprague's presentation will be followed by a panel discussion

The panel on layer housing will include Dr Glenn Bressler and Glenn Herr The broiler housing panel members are Harry Hess and Dr Carey Quarles

Dr Bressler has made a real breakthrough on the handling of poultry manure and his system is being adopted by many poultry operations all over the country

A program has been planned for the ladies, which will include a tour of the Hershey Penn State Medical Center, Hershey Chocolate Factory, and Hershey Rose Garden

The Public Affairs Committee was informed that Governor Shafer signed Bill No 1564 This was a packaging Bill" and will give the Department of Agriculture the authority to inspect and prosecute if they do not meet required standards on foods that are packaged outside of Pennsylvania and sold to the Pennsylvania consumer

The Federation s Executive Director attended a hearing on House Bill No. 213, which would prohibit the sale of certain detergents It appears as though a new bill will be introduced into the legislature

The agriculture groups are quite concerned about the elimination of detergents until such a time as a satisfactory substitute can be found Testimony was presented asking for new research, and the people attending the hearing were informed that if the present bill would become law, it would be impossible for agriculture to maintain the high standards in producing quality foods and in the end the consumer will suffer

The head of the State Consumer Protection Bureau, Bette Clemens, states that she feels the Bill requiring the dating of perishable foods will increase prices to the consumer and says that while she does not officially oppose the pending bill she personally thinks it would do little good She recommended that the best solution is for the consumer to return unsatisfactory products to the store and demand an exchange

Research work done in the Atlanta, Georgia area shows that the season of year had little effect on egg sales

A special sale greatly increased the volume during the promotion The report also shows that these increased sales did not affect the volume sold during the following week

The researchers conclude the consumers did not buy eggs for future consumption — they just increased consumption during the week following the sale

The report concludes that special promotions are a good way of increasing egg consumption Egg packers and retailers should take advantage of featuring eggs on "special" sales to help move the present production

The Poultry Festival Committee is finalizing their plans for the statewide Poultry Festival, which will be held August 25 through August 30

One of the outstanding attractions will be an omelet cooking demonstration by Rudolph Standish, the "Omlet King" Standish will be at the Festival on August 25 and 26

(Continued on Page 30)

Rural Housings

(Continued from Page 32)

ca," Smith said "The average house we are financing is a three-bedroom home, modern in its facilities, costing $12 000 to $13 000 to build in a rural area It is fully adequate for the family that will occupy it, Farmers Home financing is available to families only after it is established that they cannot qualify for housing credit from other sources All Farmers Home loans are made through the agency's local county offices in rural areas and it can be bought and paid for by a rural family of modest means '

Funds for the agency's insured housing loans come from local lending institutions, or investors in other places if local lenders cannot be found

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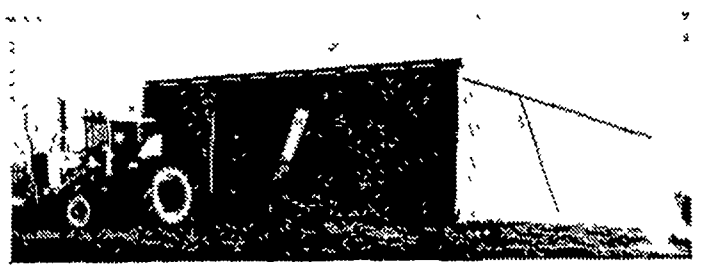

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To Get Most Value, Cut Hay Crops Early

Cut hay crops early for maximum feed value, says Dr William H Mitchell, extension agronomist at the University of Delaware

Hay that is cut early provides a higher quality feed than that which is cut too late The young plants are usually tender and palatable; older plants tend to be stiff and stemmy, points out Mitchell

Alfalfa should be cut in the bud stage before it blooms orchard-grass during the boot stage before the heads emerge, and oats should be cut in the boot or early head stage, explains Mitchell. Although hay yields are lower when the crops are cut during the early stages, the total digestible nutrients (TDN) will be higher

When cut at the proper stage, hay crops are high in moisture content If the weather is cool and rainy, you can still make high quality hay by using a hay conditioner after the crop is cut.

Use of a hay conditioner can reduce the time required to cure hay from three to two days, says Mitchell Thus, your hay can be stored earlier with more leaves intact and with less damage from leaching

Hay should be conditioned no more than 15 minutes after being cut and windrowed to retain its maximum feed value.

● Delaware

(Continued from Page 28)

"With automatic feeders, you don't know when a bird or part of the flock goes off feed By hand feeding, we can tell when something is wrong in a few hours"

Efficient feed conversions is the result of good management practices Last year, one flock of turkeys in the Haas operation had a feed conversion of 3 2 1 (3 2 pounds of feed per pound of gain) at the end of the 22-week grow out period.

In spite of the time required for his farming enterprise, Haas finds time to play an active role in community programs He is a member of the New Castle County ASCS Committee and the New Castle County Soil Conservation Service Committee In addition, he is also a member of the Delaware Farm Bureau and Delaware State Grange.

● Sprague

(Continued from Page 29)

The Poultry Queen Committee is looking for candidates for the Queen Contest The contestants will have their expenses paid for their two day stay in Hershey and all contestants will be awarded prizes

Qualifications are that the girl be between the age of 17 and 23 and that she is a relative of a poultryman or an Allied industry man Complete information can be secured by writing to the Poultry Federation Office.

Any information as to good candidates from this contest would be greatly appreciated by the Queen Committee This committee is comprised of Harold Musser, Chairman, Robert Woodward and Dick Wilson.

A joint effort between the Pennsylvania Department of Agriculture and the Pennsylvania Poultry Federation is being used to construct a new egg promotional display.

The Greater Allentown Fair, which will be held August 7 through 15, has offered space and are interested in the Federation setting up and manning the display

The display will also be used at the York Interstate Fair September 15 through 19, and will be used at the Poultry Festival at Hershey August 25 through 30

Pompon Producers Drop

Decline in number of pompon growers continued in 1969 Pennsylvania lost 32 growers and has 299 remaining, the nation lost 163 and now has 2,497 pompon producers

The average pompon price was down slightly, from 84 to 83 cents abunch, nationally, but up slightly in Pennsylvania from 82 cents to 83 cents a bunch.

Production nationally was higher in '69 by 8 per cent, lower in the state by 4 per cent

And 1970? Expect 2 6 per cent more supply in the nation but a continued decline in the Commonwealth

● Facts

(Continued from Page 17)

per 1½ - 2 pounds of excessive drop in milk Use the 1½ pound figure for cows producing over 70 pounds

In addition, check udder health using a suitable screening test and closely observe the cow for other possible problems If a number of cows are involved check ration balance

Herd Infertility Program

Calving — provide cows with the cleanest possible environment at calving time.

Retained placenta — be sure that afterbirth is passed and if not, obtain your veterinarian's assistance Dairymen should not attempt to remove retained placenta This is a procedure which demands competent veterinary assistance.

Pre-breeding examination — have your veterinarian examine all animals sometime following the first three weeks after calving.

Record all heats and watch for abnormality — good breeding records are essential for diagnosis of abnormalities

Never breed animals which show the slightest evidence of infection (abnormal discharge) Check especially at heat and following heat for abnormal discharge.

Have all cows examined between 45 and 70 days following last service Earlier examination is not recommended except for problem cows.

Work out a good working relationship with your AI technician and your veterinarian Less than complete cooperation among the three of you will cost you money.

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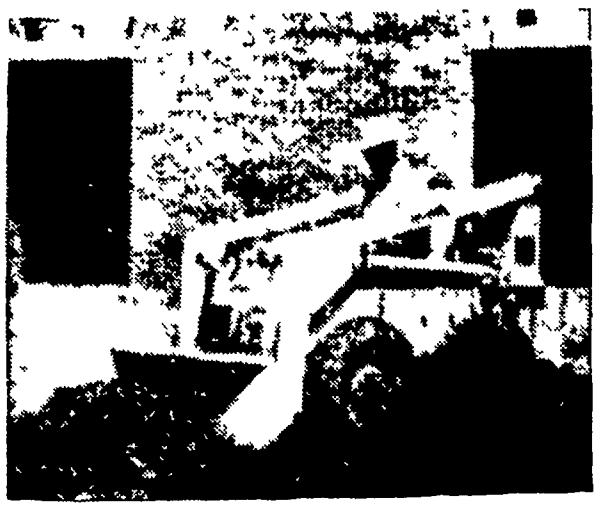

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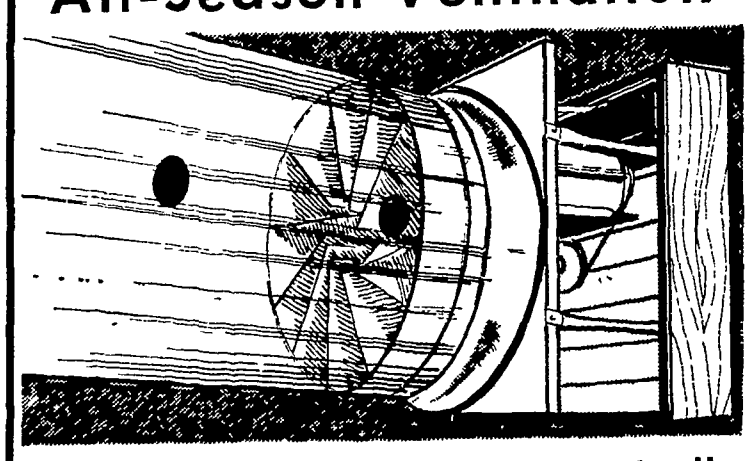

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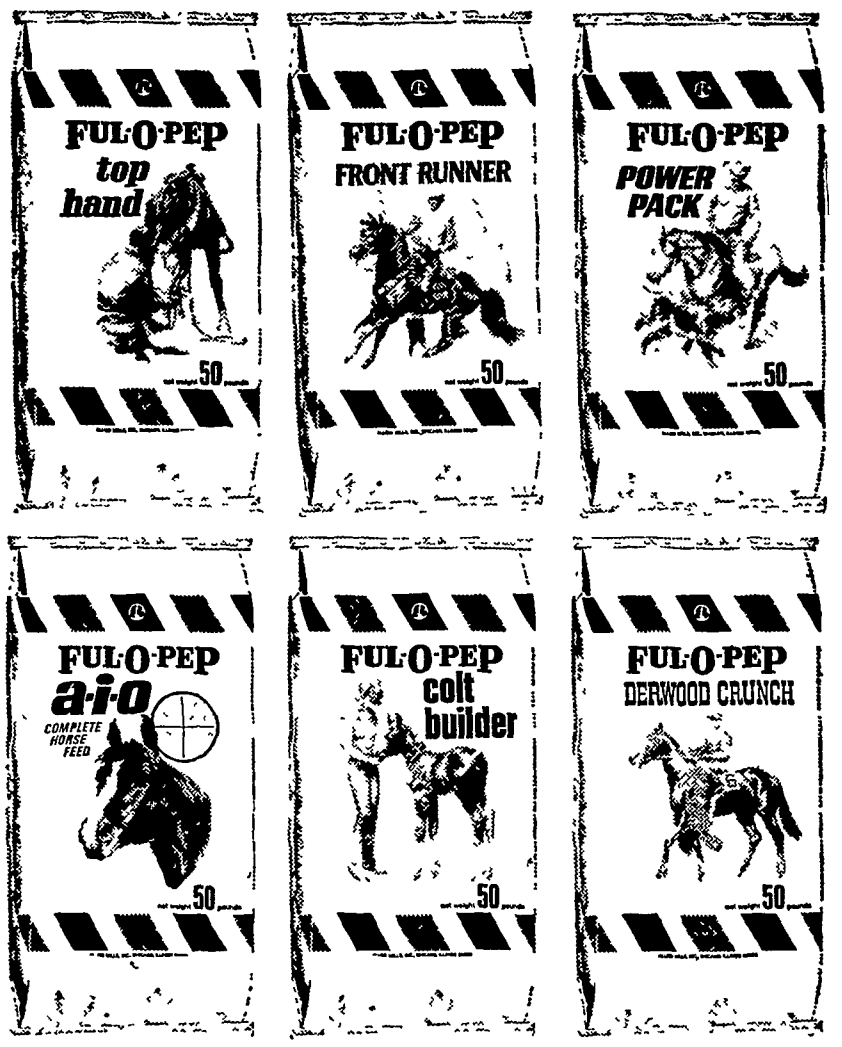

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Complete Text of Martin's Winning FFA Speech

(Continued from Page 28)

production is the processing of fertilizers. Fertilizers are badly needed in many parts of the world.

One of the reasons for many low crop yields in foreign countries is insects These losses occur both in the field and in storage. Better insecticides would eliminate these losses

Deserts. swamps, tropic land, and unused land make up the millions of acres of land that is not used for food production. For the world to meet its food needs there must be maximum land utilization We must have these lands producing at their best capacities Much of the land farmed in the world today is underdeveloped This includes land that is farmed with backward methods and land that is not used to its fullest capacity It is very important that fertilizers, insecticides, and other products be produced to bring all unused and underdeveloped land to maximum production

If research does discover these things, can they be put into use in the area where they are needed? How can they be used most efficiently and effectively?

To make efficient, effective use of the ideas, knowledge, products, and resources made available by agricultural research, and to teach modern methods of farming to the diversity of farmers around the world, we must take full advantage of volunteers and volunteer agencies This is the second most important factor in the production of food, especially in foreign countries Without the volunteer groups all knowledge and products discovered by agricultural research would be useless They must convey this material where it is needed around the world

These agencies must carry out research that otherwise would not be undertaken by either the United States or the recipient nations. Each country has different needs, types of soil, and weather conditions This is why it is important that research be carried on in the individual countries Research in the United States cannot meet all the needs of every country in the world

Volunteer agencies must play another role, one that is most important to success of agricultural research They must bring to the people of the United States first hand insight into the problems of other peoples They must imprint upon the minds of Americans the graveness of the food problem They must inform government leaders of the great need for agricultural reesarch and agricultural volunteers Unless Americans fully understand the problem at hand sufficient support will never be obtained

What does all this mean?

To put it in capsule form, I am trying to stress the following The United States with its capital and know-how must take the initial step to achieve maximum food production, and we must work at top speed and with tireless determination to achieve this goal by the means of agricultural - research and volunteers

The tragic thing about the world food problem is that it need not be and it need not grow We are dealing with a race between what could be done and what will be done.

What Americans must realize is that hunger is not only in other countries, but it also threatens the United States.

We must peel back our cover of wealth ignorance and unconcern and realize that the food situations we read about in our newspaper will soon become a reality in the United States We must look at the problem seriously and change our attitudes

The time for change is now, not five or ten years from now, but immediately We are the last generation that can correct the food situation and turn back the threat of hunger It is mainly up to us, the people that will live in this decade, to see that the future world is a world without hunger

Some Apple Producers Eye Grapes As New Crop

Some of the state's apple growers have expressed an interest in growing wine grapes, the Pennsylvania Department of Agriculture has announced

Thirteen per cent of the growers contacted in a recent survey said they are interested in growing wine grapes while 10 per cent said they are interested in growing wine grapes and also establishing wineries

"Wine grapes may conceivably become another important crop for fruit growers in the important apple-growing counties of Franklin, Adams and York," said Donald O Cunnion, Director of the Department's Bureau of Markets.

Cunnion said test plantings of fine European type wine grapes in southeastern counties are prospering

Currently 98 per cent of Pennsylvania's grape production comes from Erie County where there are 11,000 acres of vineyards Most of the grapes are of a variety used in jellies and grape juice, but over 500 acres are in wine grapes

This year two wineries have been established by growers in Erie County The Limited Winery Act of 1968 allows a winery to make up to 50,000 gallons of wine a year from Pennsylvania grown grapes and sell the wine on the premises

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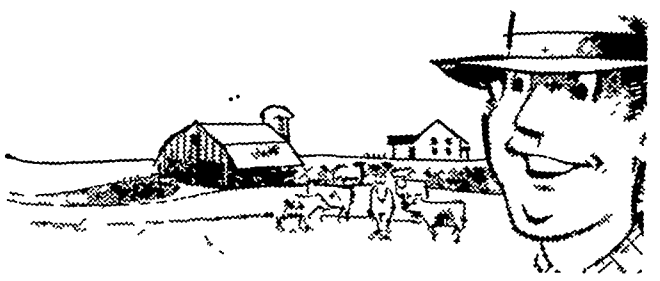

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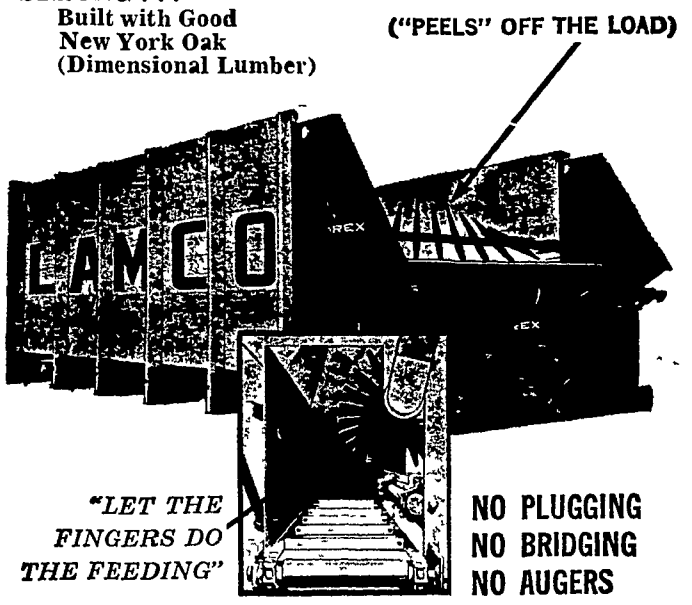

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Rural Housing Program Still Growing

The rural housing program is an area of growth in the nation's housing picture, Administrator James V Smith of the Department of Agriculture's Farmers Home Administration reported recently

Smith disclosed that rural people served by the home loan insurance program of the Farmers Home Administration a Department of Agriculture credit agency are moving into new or improved homes at a 17 4 per cent faster rate than [illegible]

The Administrator issued progress report on the rural FHA's expanding support of home financing for families in the country side and towns of up to 5 500 population

His report for the first nine months of fiscal 1969 70 showed that the agency approved 43 748 home ownership loans totaling $465 4 million as against 37 277 loans totaling $360 7 million in the corresponding period of fiscal 1969

Smith said new home starts through his agency will run approximately twice as high this year as in any previous year Loans for new one family homes under the rural program exceeded 25 000 through March, equalling the number approved for the entire fiscal year 1969 By contrast, new home starts in the nation as a whole declined by an estimated 15 3 per cent during the nine-month period ended in March

The spring seasonal upsurge of building is expected to result in the Farmers Home Administration surpassing $800 million in insured housing loans for the year ending June 30 The year's activity Smith said, will account for about 80,000 new and improved homes for rural Americans of low and moderate income

Last year, the agency's previous record year, Farmers Home insured $500 million worth of loans on 50,000 homes

The Administrator said Farmers Home is gearing up for a major role it has been assigned under the nation's housing goal for the 1970s

Half of the six million publicly assisted housing loans projected in this decade are consigned to rural areas, where Farmers Home administers federal assistance to housing through a system of 1,700 rural county offices in the 50 States, Puerto Rico and the Virgin Islands

The agency is aiming for 156 - 000 insured homebuyer loans for low and moderate income people in fiscal 1970 71

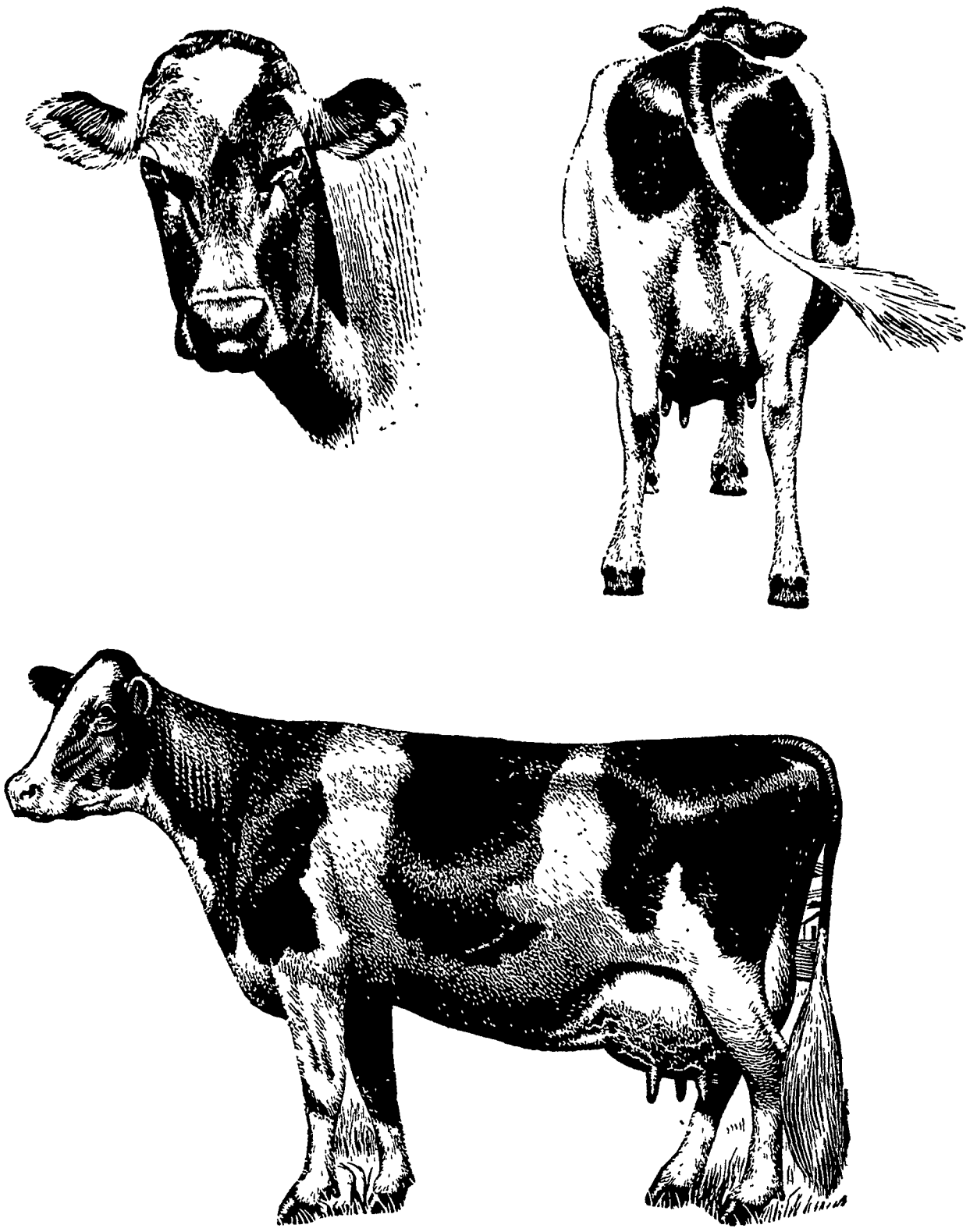
Under authority conferred by the Housing Act of 1969, Farmers Home has launched this spring a new type of two-year loan to public and private non profit organizations to develop homebuilding sites lacking in rural areas, and a "conditional commitment" to builders certifying that homes they construct will qualify for Farmers Home-insured loans to homebuyers

Building sites improved with Farmers Home financing will be sold as sites for homes of low to moderate income families who can secure housing loans insured by the Farmers Home Administration or its counterpart FHA (Federal Housing Administration) at the Department of Housing and Urban Development These sites also are available for rental housing for low and moderate income families

The rural program is going to be a sustained attack on the shortage of housing and blight of bad housing in rural Amer

(Continued on Page 29)

ANYWAY YOU LOOK AT IT . . .



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